"WhiteKraft"

Built-In Steel Casework

for

Hospitals

Installations – Specifications

Manufactured by

The Frank S. Betz Company

General Offices and Factory
Hammond, Indiana

New York
348-52 W. 34th St.

Chicago
634 South Wabash

Dallas, Texas

ESTABLISHED 1895
BETZCO
CAPITAL $2,000,000.00

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"WhiteKraft"
BUILT-IN CABINETS
FRANK S. BETZ COMPANY
NEW YORK · HAMMOND · CHICAGO

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"WhiteKraft"

Built-In Steel Cabinets

Installed in

Cook County Hospital - - - -	Chicago, Ill.
St. Mary's Hospital - - -	Grand Rapids, Mich.
North Country Community Hospital -	Glen Cove, N. Y.
Harper Hospital - - - - -	Detroit, Mich.

The Frank S. Betz Company takes pleasure in presenting the architect with this book, illustrating some of the more recent installations of *"WhiteKraft"* Built-In Steel Cabinets in leading hospitals.

This $2,000,000.00 Corporation with an organization excellently and adequately equipped with machinery and experience, is prepared to handle any work involving built-in steel cabinets, casework, etc. Thirty-three years of experience in this field has enabled it to develop a competent engineering department specializing in this type of construction. All the facilities of this Department are at your disposal.

For your convenience, an unusual amount of data as to size and gauge of material, methods of construction, equipment and finish, wall openings, drawings, etc., pertaining to *"WhiteKraft"* installations has been furnished in this book. The Frank S. Betz Company hopes that you will find this information valuable.

Special layouts and estimates submitted free upon request

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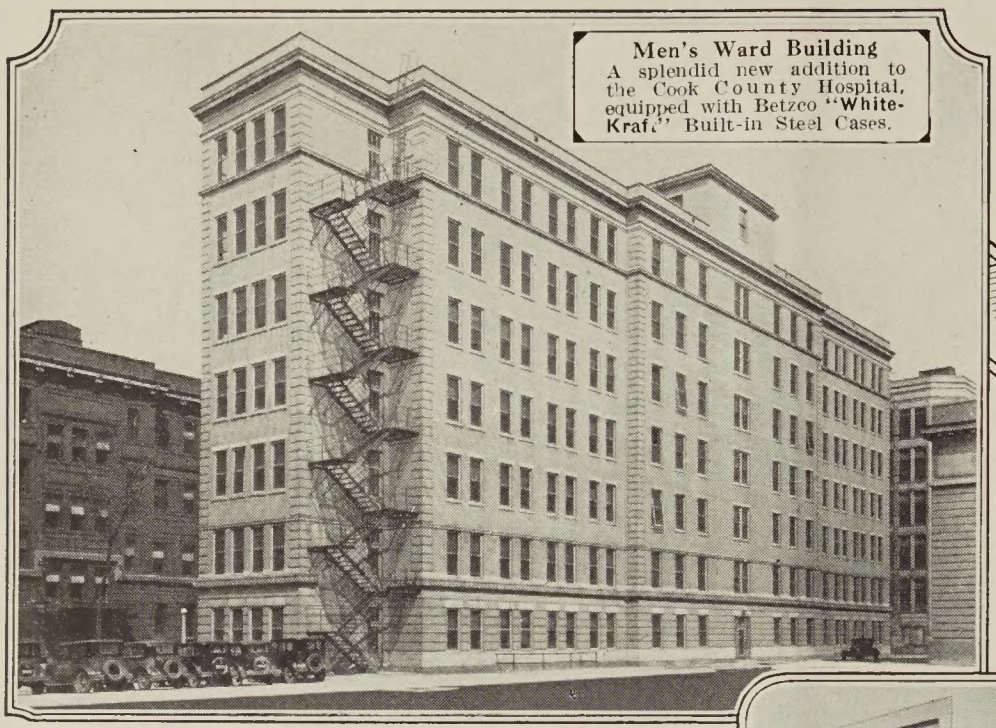
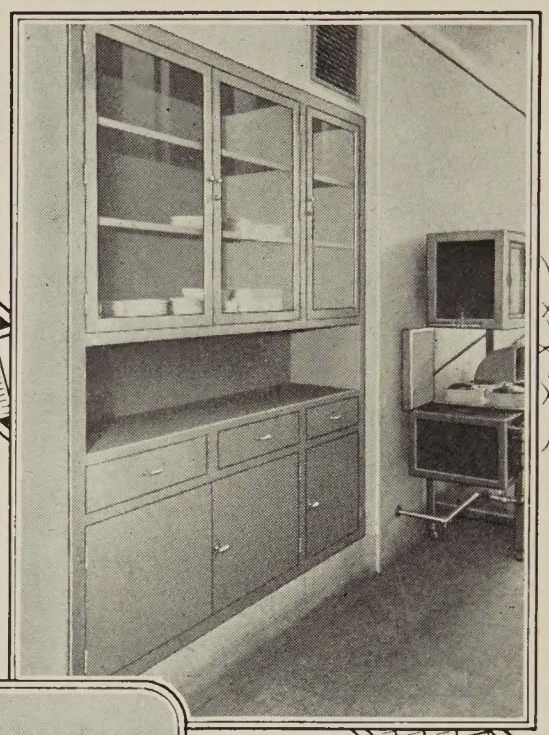
FRANK S. BETZ CO.

"WhiteKraft" Built-In Cabinets



Men's Ward Building
A splendid new addition to the Cook County Hospital, equipped with Betzco "WhiteKraft" Built-in Steel Cases.

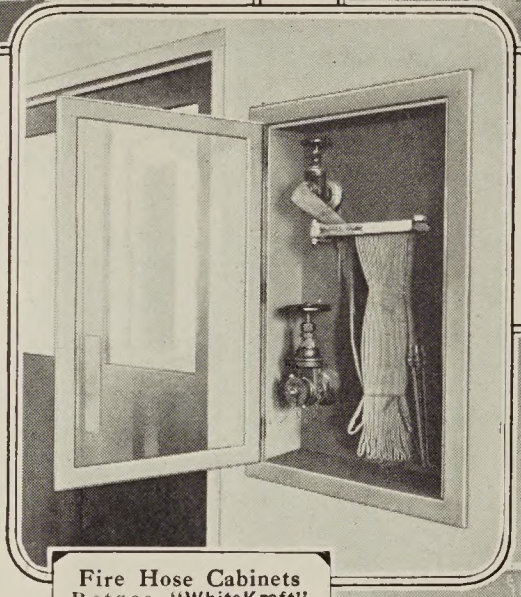


COOK COUNTY HOSPITAL

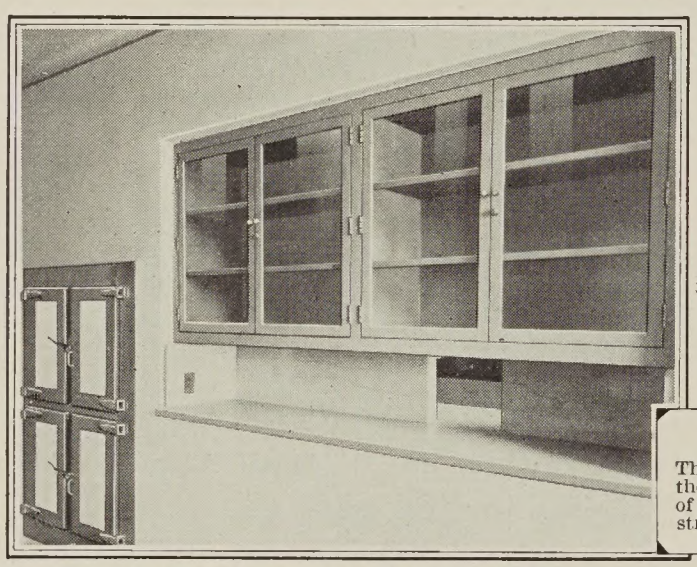
CHICAGO, ILLINOIS

Architect, Eric Hall.
General Contractors, Great Lakes Construction Company.
Warden, Michael Zimmer.

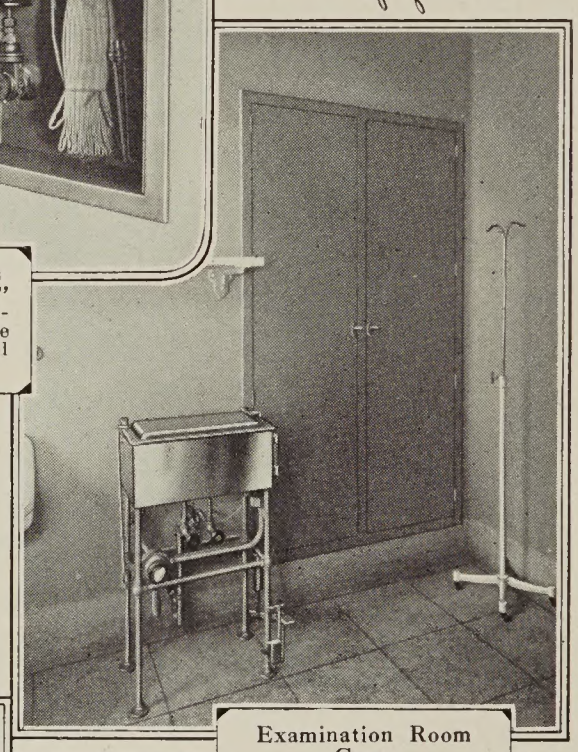
The new additions to the Cook County Hospital represent the last word in hospital construction and equipment.



Diet Kitchen Cases
Betzco "WhiteKraft" Diet Kitchen Cases built into the walls of the men's ward building

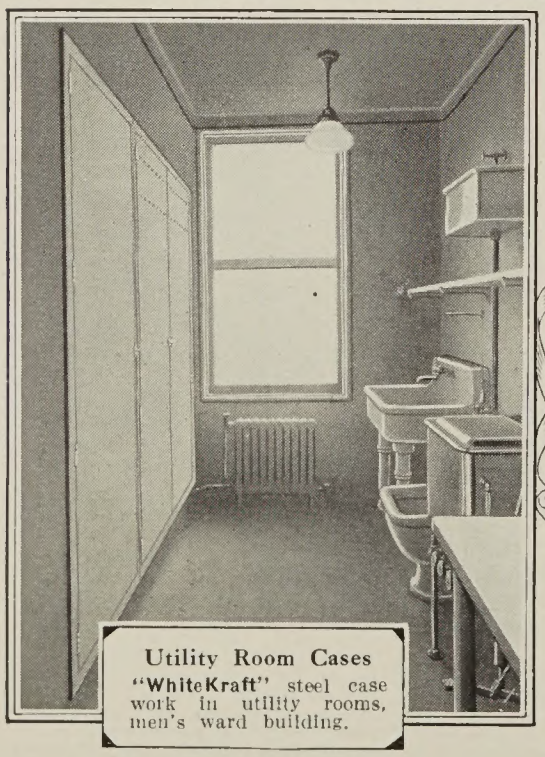


Fire Hose Cabinets
Betzco "WhiteKraft" Steel Fire Hose Cabinets built into the walls of corridors in all of the new buildings.

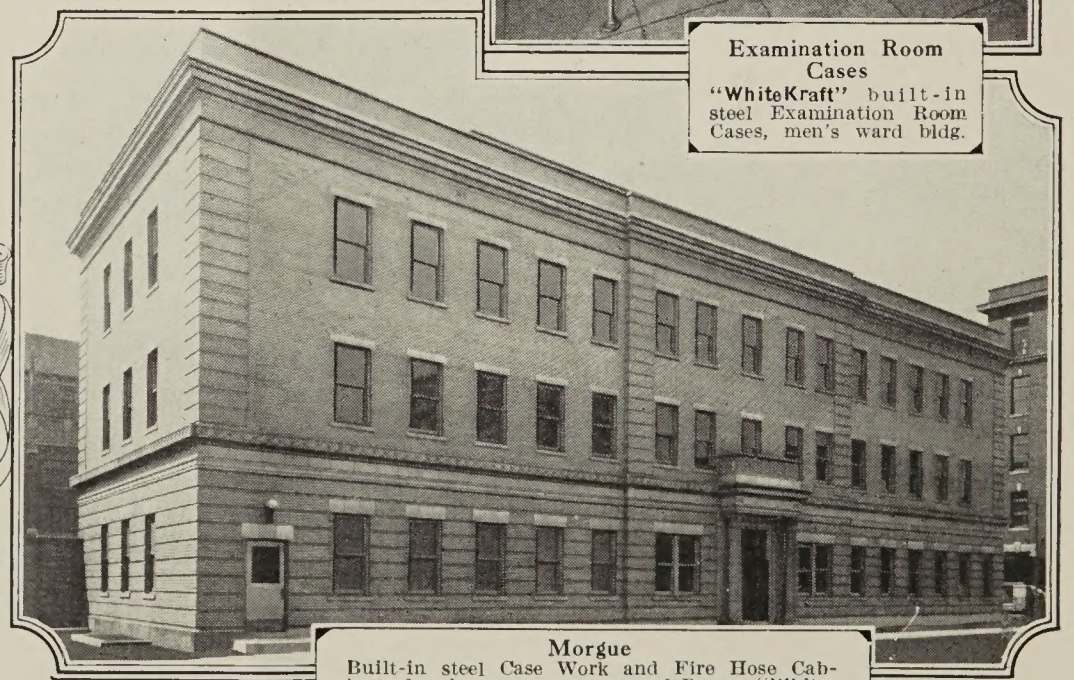


Sewing Room Cases
These Sewing Room Cases in the men's ward building are of Betzco "WhiteKraft" construction.

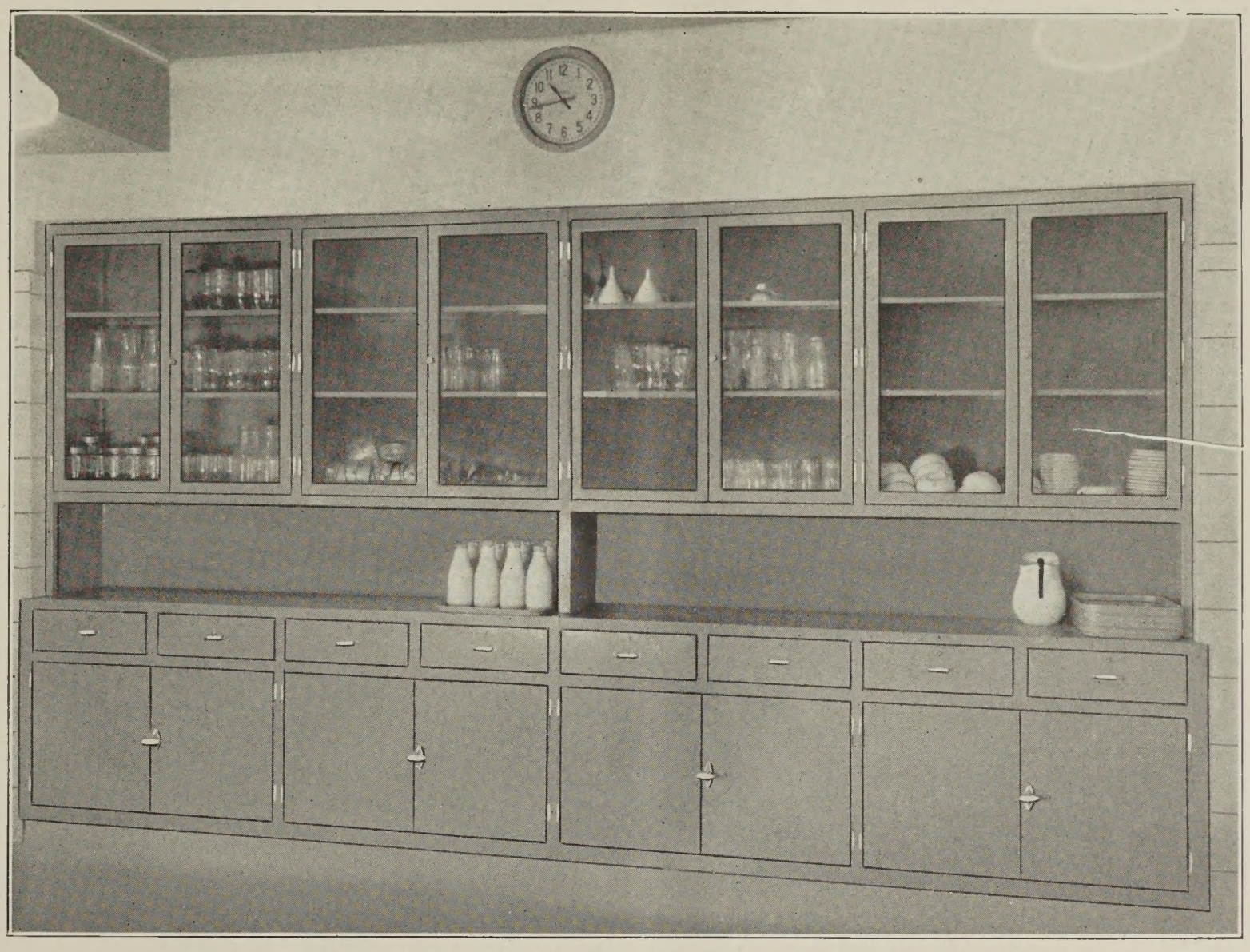
Examination Room Cases
"WhiteKraft" built-in steel Examination Room Cases, men's ward bldg.



Utility Room Cases
"WhiteKraft" steel case work in utility rooms, men's ward building.



Morgue
Built-in steel Case Work and Fire Hose Cabinets for the new morgue are of Betzco "WhiteKraft" construction.



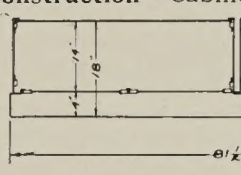
"WhiteKraft Main Kitchen Steel Cases

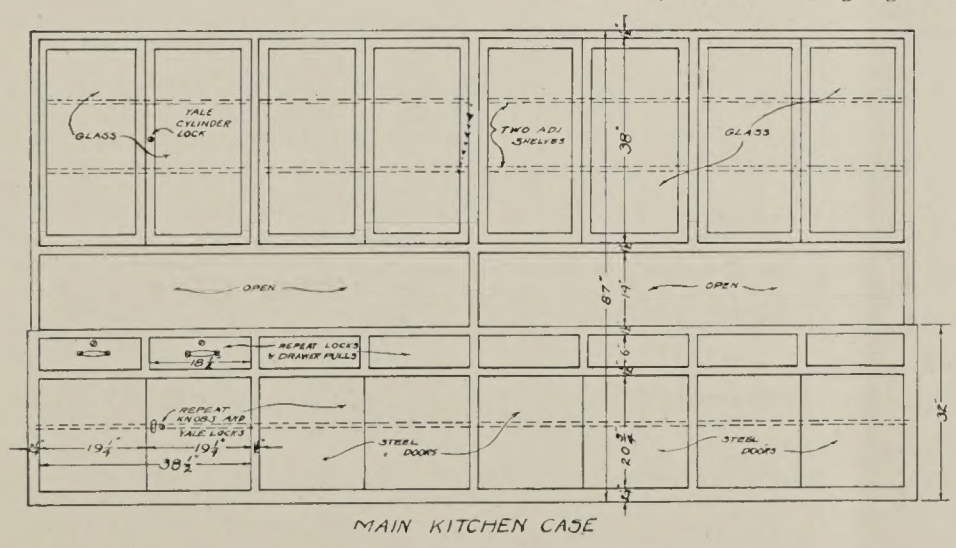
The main kitchen built in steel case shown above was made in two sections to facilitate installation. The joining is well concealed. Each section has four glass doors at the top, a working space below, four drawers, and four steel doors at the bottom. Sizes and gauge of steel may be varied to suit requirements. The steel shelves in the lower compartments, and the steel shelves in the upper compartments are all adjustable. But fixed shelves may be substituted, if preferred. Specifications given below are for the particular job shown.

SPECIFICATIONS

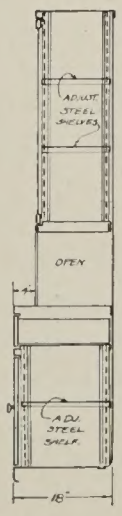
Size—Width of each two door section, 38½ inches. Height overall, including flanges, 87 inches. Depth of lower part, 18 inches. Depth of upper part, 14 inches. Height of lower compartment inside, 21 inches. Height of working space, 14 inches. Inside height of upper compartments, 38 inches. Width of drawers, 18½ inches. Height of drawers, 6 inches. Depth of drawers, 17 inches.

Construction—Cabinet bodies, 18 gauge cold rolled, stretcher leveled, pickled, full finished furniture steel. Cabinet backs, formed with ¾-inch radius cove. Front trim formed with ⅜-inch radius as outer edge, and reinforced with 1½x¼-inch strips welded on. Joints, torch welded and ground smooth. Doors, frames double wall construction, inside panel telescoping into outer panel, flange to make doors ¾ inch thick, and inside frame screwed to door frame to hold plate glass panels. Drawers, double wall head, 18 gauge outside. Body, back, and inside door head, 20 gauge. Drawers suspended on *"WhiteKraft"* channel suspension slides. Steel shelves, 18 gauge sheet furniture steel formed with a 1-inch downturn flange on all sides. Front flange has a return at the bottom for additional reinforcement. Shelves are adjustable with a slotted channel device, spot welded to the four corners of each cabinet, and with 12 gauge steel shelf rests inserted in the slots.





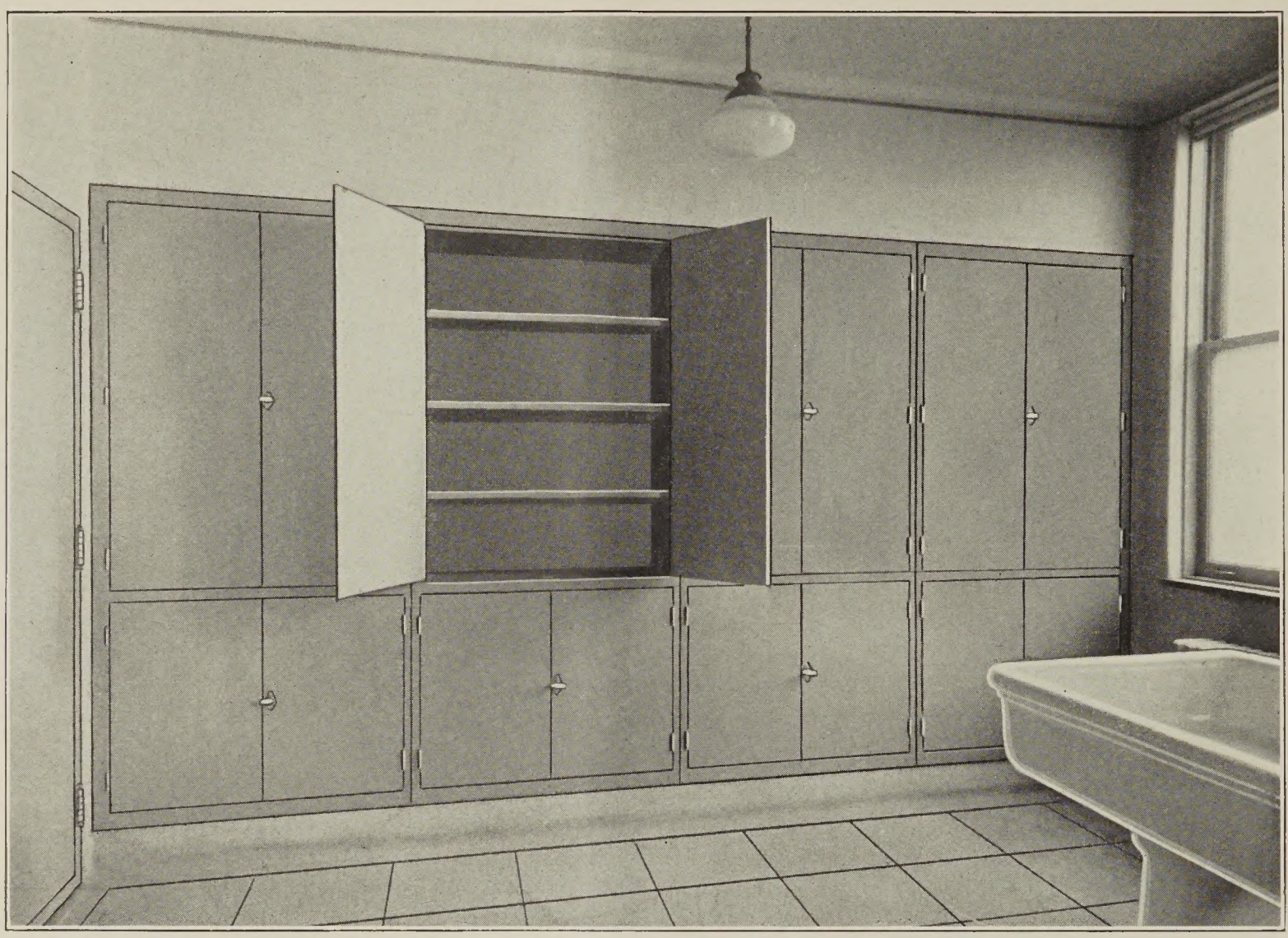
MAIN KITCHEN CASE



Equipment—Locks, Yale flat key, cylinder type, brass nickel plated. Turn Knobs, cast brass, nickel plated, with special cam on inside to operate locking bars at top, bottom and center. Locking bars are concealed between door panels. Hinges, concealed type with barrel exposed, brass nickel plated.

Note—While this cabinet is recommended as a main kitchen case, it is also well suited for many other places in the hospital.

Design No.—In writing regarding this cabinet, or in specifying it, please refer to *"WhiteKraft"* design HB.



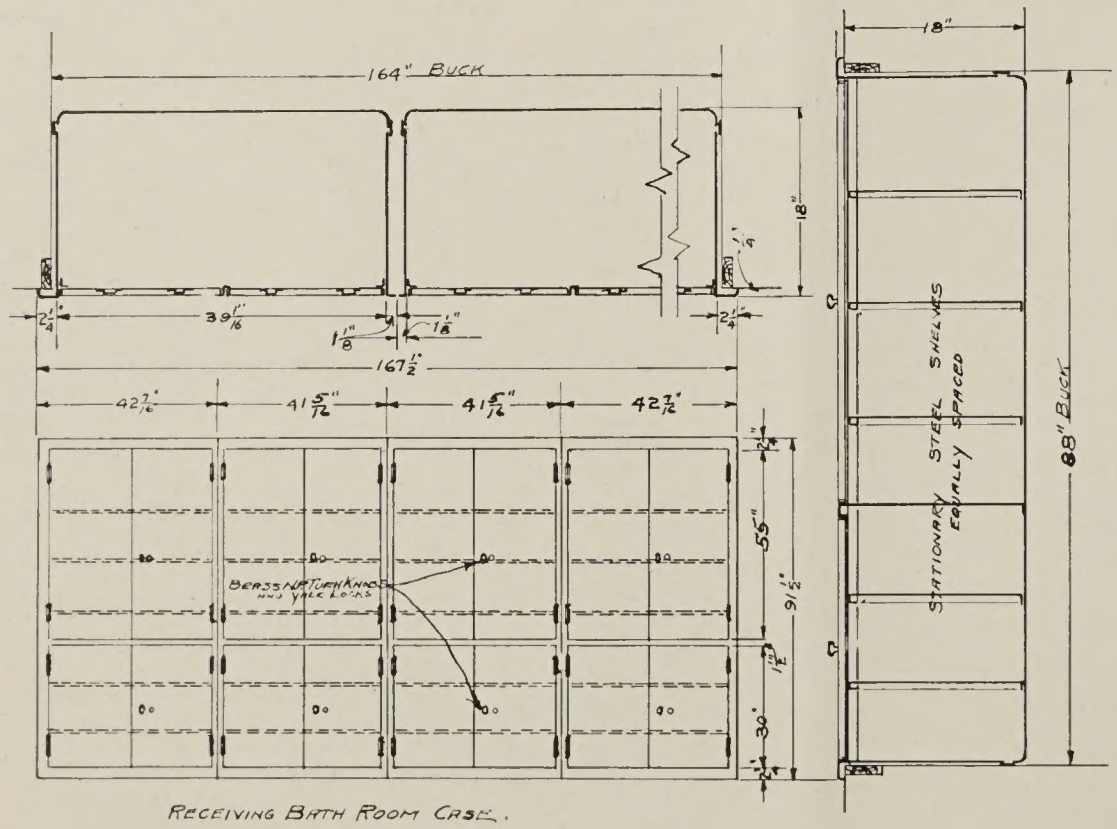
"WhiteKraft" Receiving Bathroom Cases

The cases here shown are typical of *"WhiteKraft"* welded and formed built in construction. This series is comprised of four units. Detail drawings of these units are shown below. Sizes may be varied to suit the space requirements. In place of stationary steel shelves adjustable shelves may be substituted. The gauge of material may also be varied to suit the buyer. The specifications given below are for the particular job illustrated.

SPECIFICATIONS

Size—Width of units, 41 5/16 inches or 42 7/16 inches including wall flange. Height of units, 91½ inches including flange. Inside height of lower section, 30 inches. Inside height of upper section, 55 inches. Inside depth of units, 18 inches.

Construction—Cabinet bodies, 18 gauge cold rolled, stretcher leveled, pickled, full finished furniture steel. Cabinet backs, formed with ¾-inch radius cove. Front trim formed with ⅜-inch radius as outer edge, and reinforced with 1½x¼-inch strips welded on. Joints, torch welded and ground smooth. Doors, double wall flush construction, inside panel telescoping into outer panel, both panels 18 gauge with ¾-inch flange on all sides. Door panels are torch welded together leaving dead air space between. Box stiffener between panels at center for reinforcement. Steel shelves, 18 gauge sheet furniture steel formed with a 1-inch downturn flange on all sides. Front flange has a return at the bottom for additional reinforcement.

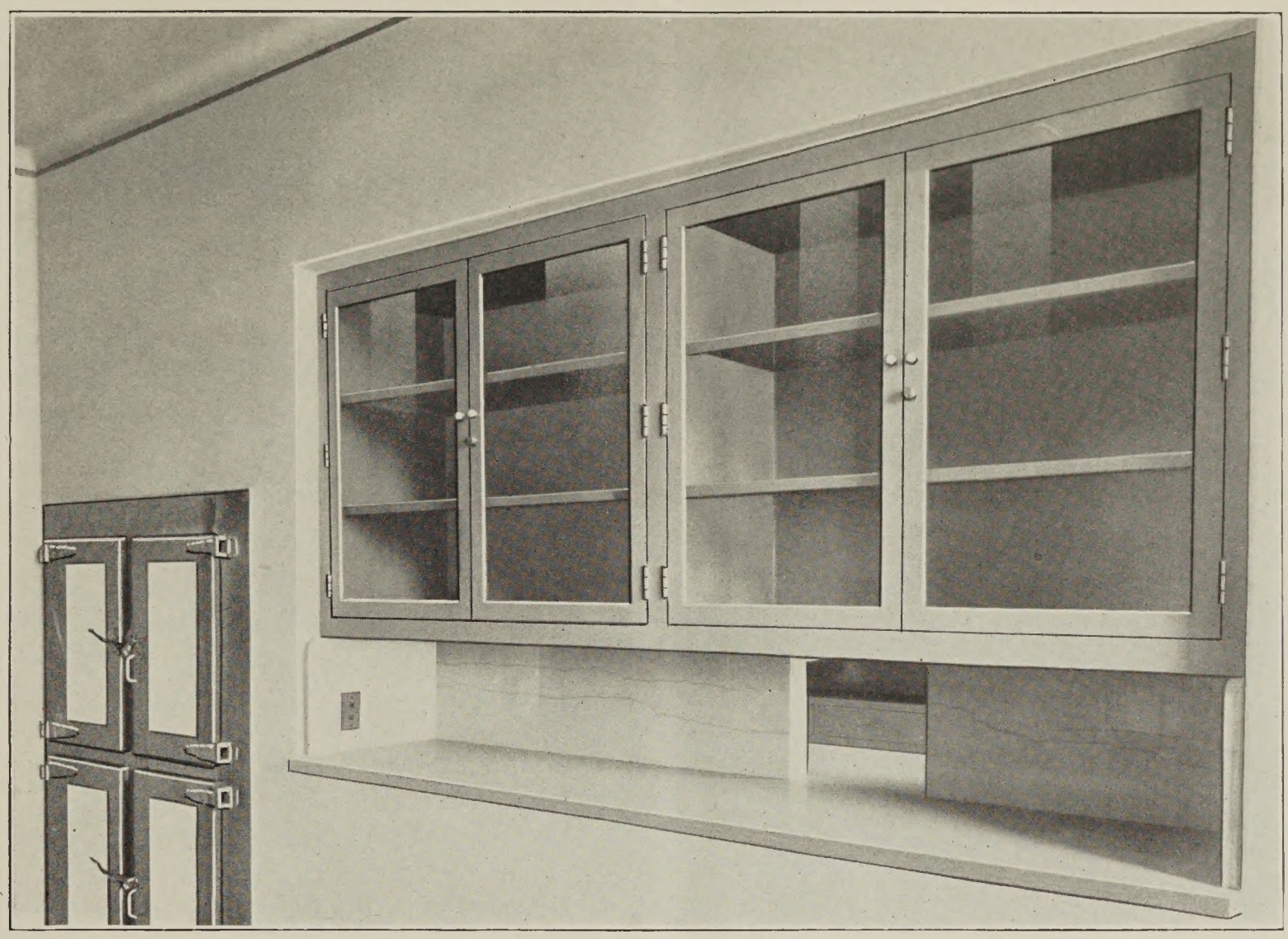


RECEIVING BATH ROOM CASE.

Equipment—Locks, Yale flat key, cylinder type, brass nickel plated. Turn Knobs, cast brass, nickel plated, with special cam on inside to operate locking bars at top, bottom and center. Locking bars are concealed between door panels. Hinges, concealed type with barrel exposed, brass nickel plated.

Note—The type of cabinet shown while specified as a receiving bathroom cabinet is adaptable for storage, for utility and sterilizing rooms, and for work rooms.

Design No.—In writing regarding this cabinet, or in specifying it, please refer to *"WhiteKraft"* design HA.



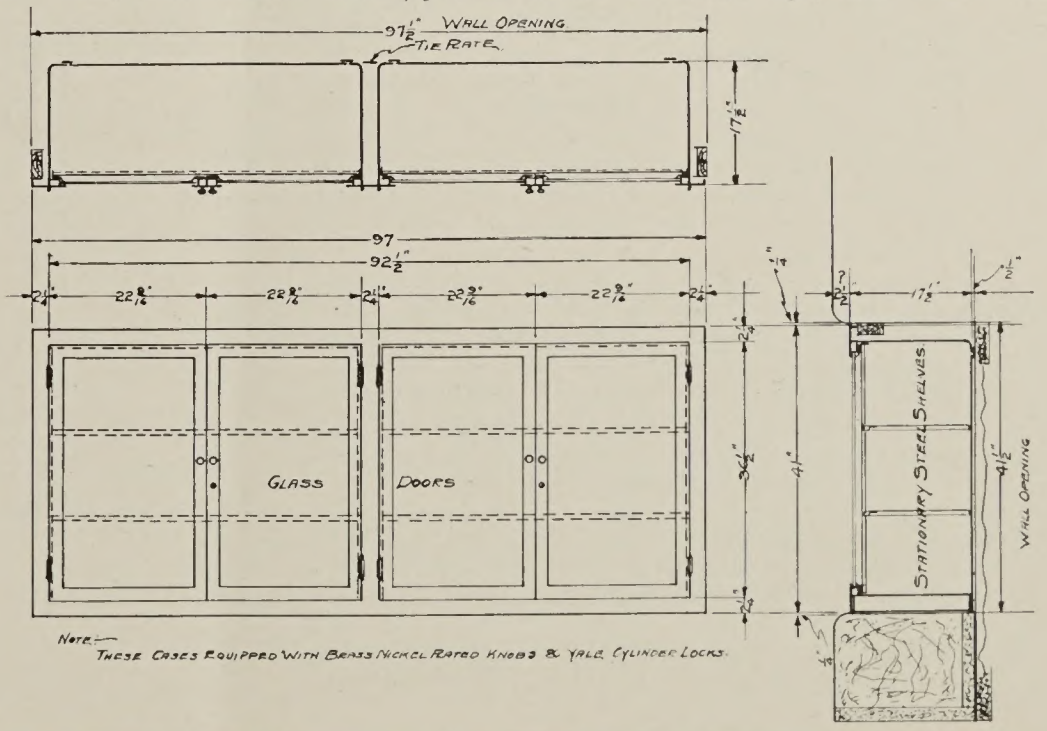
"WhiteKraft" Sewing Room Steel Cases

Specially constructed *"WhiteKraft"* Built-in Steel Cases for the sewing or work-room. These cabinets are also adaptable to use in many other parts of the hospital. They are furnished in complete units of four doors, or in sections of two doors each. The shelves in this unit are stationary, but adjustable shelves may be substituted, and the sizes may be changed to suit requirements. Hospitals installing these cabinets are not limited to the gauges of material shown below, but may specify gauges according to requirements. Steel doors may be substituted for glass also.

SPECIFICATIONS

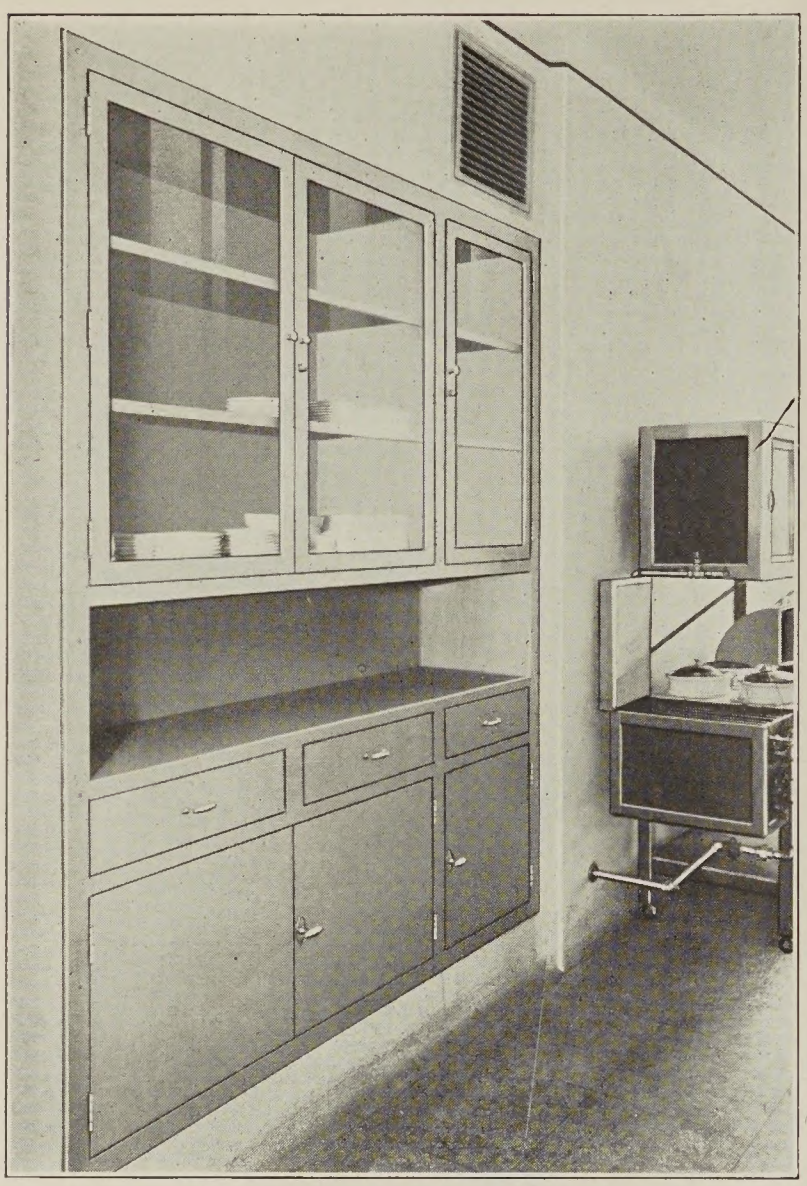
Size—Inside width of each two-door section, 45⅛ inches. Inside height of each two-door section, 36½ inches. Depth of each two-door section, 17½ inches. Width over all of four-door unit, 97 inches. Inside width of four-door unit, 92½ inches.

Construction—Cabinet bodies, 18 gauge cold rolled, stretcher leveled, pickled, full finished furniture steel. Cabinet backs, formed with ¾-inch radius cove. Front trim formed with ⅜-inch radius at outer edge, and reinforced with 1½x¼-inch strips welded on. Joints, torch welded and ground smooth. Doors, frames double wall construction, inside panel telescoping into outer panel, flange to make doors, ¾ inch thick, and inside frame screwed to door frame to hold plate glass panels. Steel shelves, 18 gauge sheet furniture steel formed with a 1-inch downturn flange on all sides. Front flange has a return at the bottom for additional reinforcement.



Equipment—Locks, Yale flat key, cylinder type, brass nickel plated. Hinges, concealed type with barrel exposed, brass nickel plated. Pull knobs, brass, nickel plated.

Design No.—In writing regarding this cabinet, or in specifying it, please refer to *"WhiteKraft"* design HD.



"WhiteKraft" Diet Kitchen Steel Cases

A very conveniently arranged built-in steel case unit for the diet kitchen. This unit can be reduced in size or increased, according to requirements.

In this design a maximum amount of storage space is allowed, although a reasonably roomy niche is left for serving and dishes. The use of monel metal as a covering for the bottom of the serving niche is always recommended.

SPECIFICATIONS

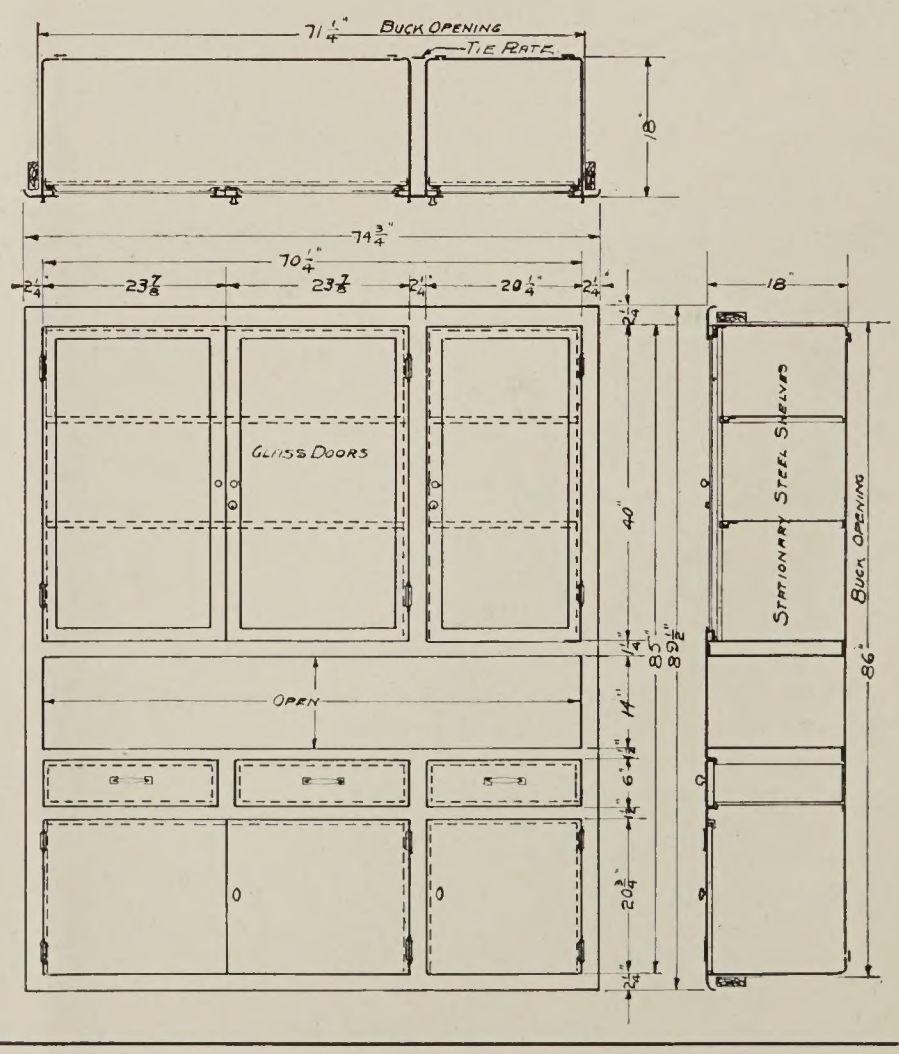
Size—Width of upper two-door section, 47¾ inches. Height of upper two-door section, 40 inches. Depth of upper section, 18 inches. Width of unit over all, 74¾ inches. Inside width of unit, 70¼ inches. Width of upper single section, 20¼ inches. Height of upper single section, 40 inches. Depth of upper single section, 18 inches. Height of unit over all, 89½ inches. Serving niche, 14 inches high, 18 inches deep, 70¼ inches wide. Drawers, 6 inches high, 20¼ inches wide and 23⅞ inches wide, 17 inches deep. Lower double door compartment, 47¾ inches wide, 20¾ inches high, 18 inches deep. Lower single door compartment, 20¼ inches wide, 20¾ inches high, 18 inches deep.

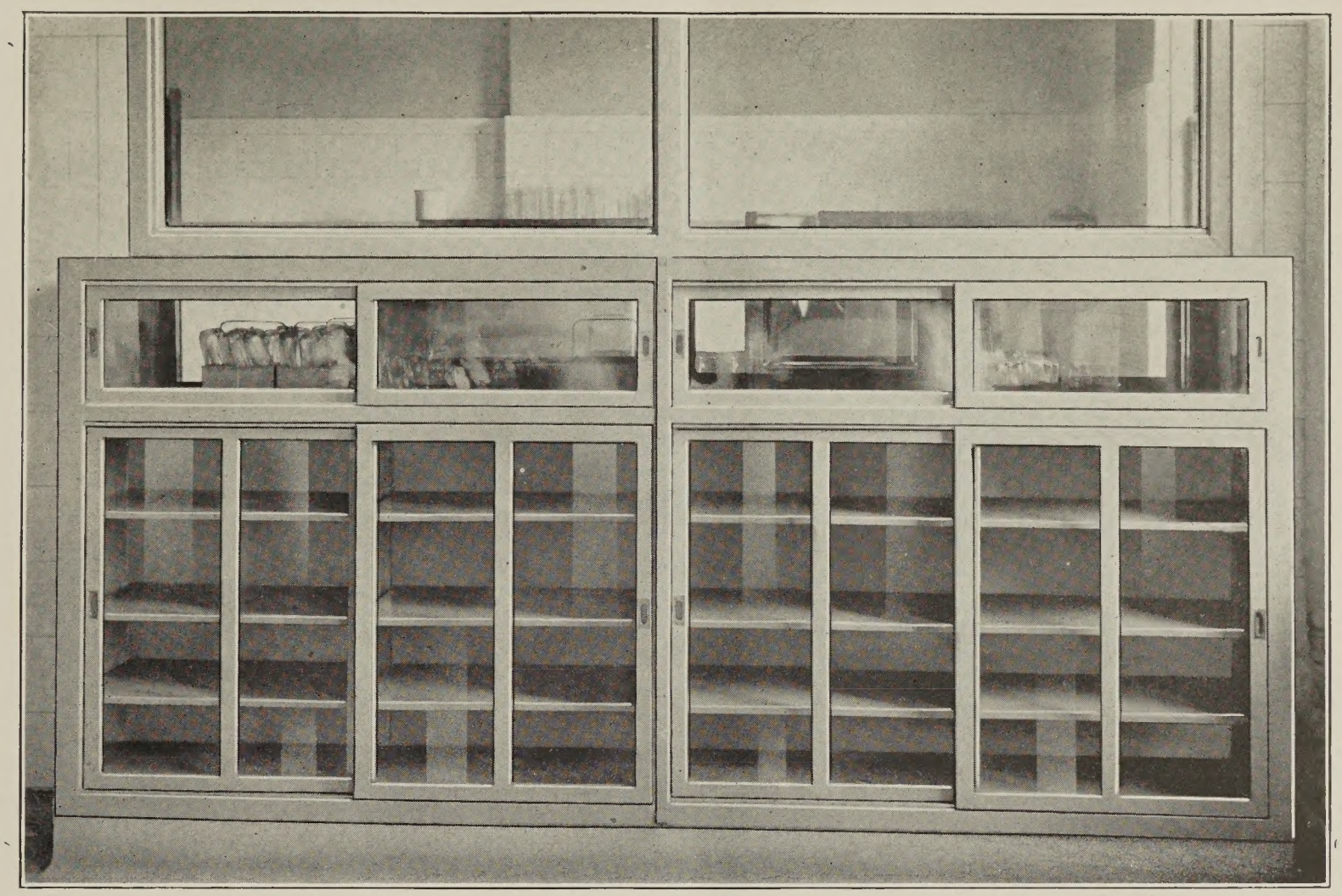
Construction—Cabinet bodies, 18 gauge cold rolled, stretcher leveled, pickled, full finished furniture steel. Cabinet backs, formed with ¾-inch radius cove. Front trim formed with ⅜-inch radius as outer edge, and reinforced with 1½x¼-inch strips welded on. Joints, torch welded and ground smooth. Doors, frames double wall construction, inside panel telescoping into outer panel, flanged to make doors ¾ inch thick, and inside frame screwed to door frame to hold plate glass panels. Drawers, double wall head, 18 gauge outside. Body, back, and inside door head, 20 gauge. Doors suspended on *"WhiteKraft"* channel suspension slides. Steel shelves, 18 gauge sheet furniture steel formed with a 1-inch downturn flange on all sides. Front flange has a return at the bottom for additional reinforcement.

Equipment—Locks, Yale flat key, cylinder type, brass nickel plated. Turnknobs, cast brass, nickel plated, with special cam on inside to operate locking bars at top, bottom and center. Locking bars are concealed between door panels. Hinges, concealed type with barrel exposed, brass nickel plated.

Note—These cabinets specified for diet kitchens are applicable to many other uses in the surgeries, work-rooms, etc.

Design No.—In writing regarding this cabinet, or in specifying it, please refer to *"WhiteKraft"* design HC.





"WhiteKraft" Milk Bottle Storage Cabinets

These cabinets are made up in two sections, each section with two sliding doors below, and two above. The upper case has sliding doors on both sides, giving access from two rooms. The lower sections are accessible from one room only.

These cases can be made with steel instead of glass sliding doors, and fixed instead of adjustable shelves. The lower section can also be made accessible from both rooms. Sizes and gauge in material may be varied according to requirements. Doors may be had with crystal plate glass or Libbey-Owen plate glass.

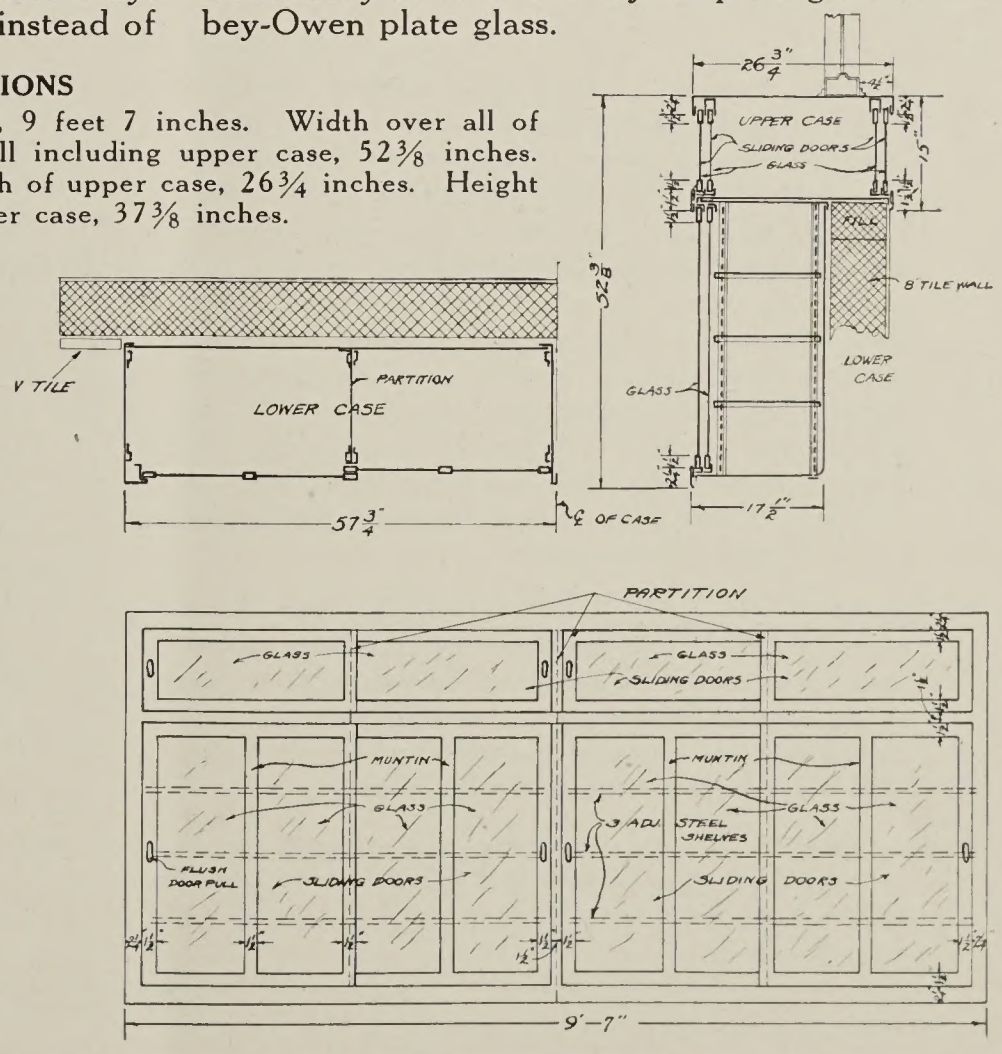
SPECIFICATIONS

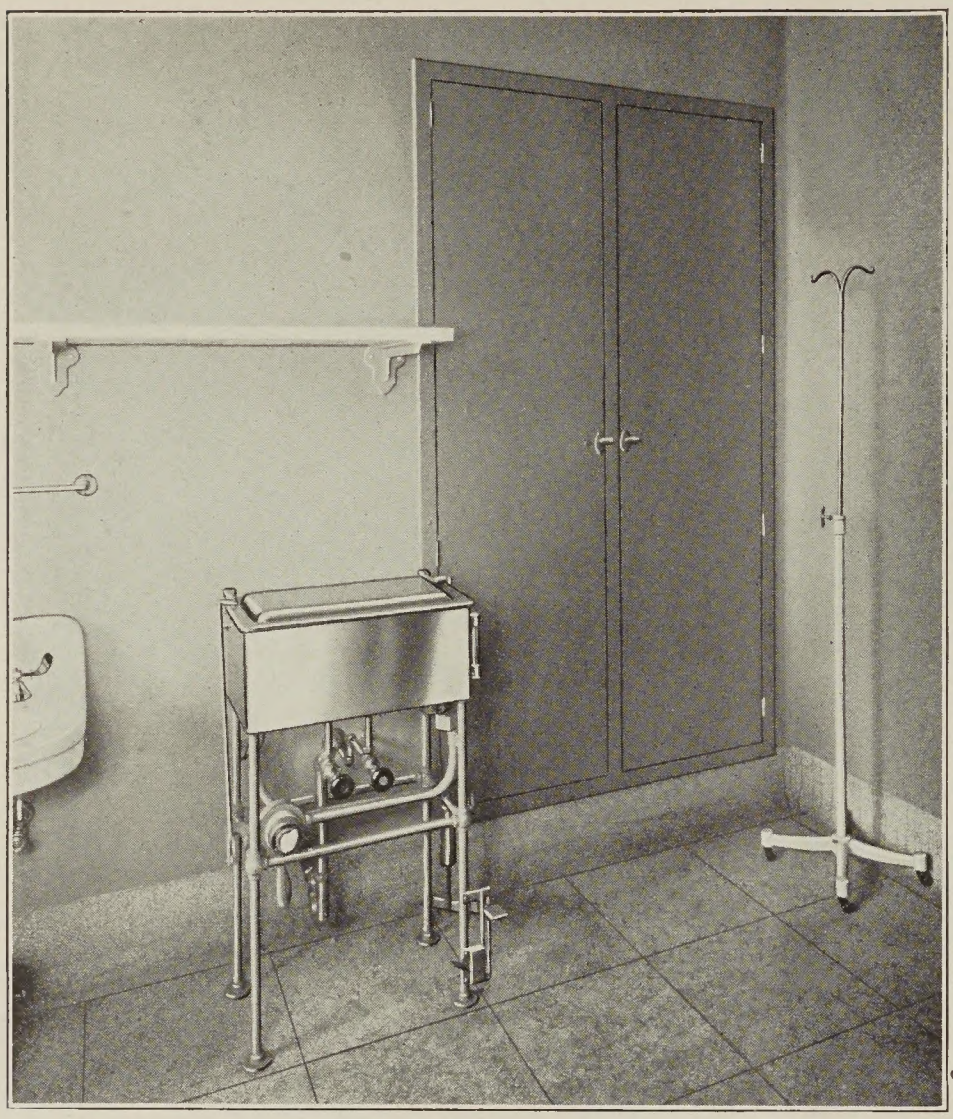
Size—Width of complete installation over all, 9 feet 7 inches. Width over all of each unit, 57¾ inches. Height over all including upper case, 52⅜ inches. Depth of lower case, 17½ inches. Depth of upper case, 26¾ inches. Height of upper case, 15 inches. Height of lower case, 37⅜ inches.

Construction—Cabinet bodies, 18 gauge cold rolled, stretcher leveled, pickled, full finished furniture steel. Cabinet backs, formed with ¾-inch radius cove. Front trim formed with ⅜-inch radius as outer edge, and reinforced with 1½x¼-inch strips welded on. Joints, torch welded and ground smooth. Doors, double wall construction, sliding type, with depressed hand pulls, plate glass panels held between telescoping parts of frame. Steel shelves, 18 gauge sheet furniture steel formed with a 1-inch downturn flange on all sides. Front flange has a return at the bottom for additional reinforcement. Shelves are adjustable with a slotted channel device, spot welded to the four corners of each cabinet and with 12 gauge steel shelf rests inserted in the slots.

Equipment—Brass hardware, nickel plated.

Design No.—In writing regarding this cabinet, or in specifying it, please refer to *"WhiteKraft"* Design HF.





"WhiteKraft" Examining Room Storage Case

This Storage Case, used in this instance in an examining room of a men's ward building, is adaptable to use in many parts of the hospital. Adjustable steel shelves may be substituted for the stationary steel shelves as shown in this plan. The doors may be made with glass panels instead of all steel, and sizes may be changed to suit requirements.

The case is divided into two sections, each section with its own lock, turn-knob and five shelves. There are four concealed hinges on each door and a stout three-way lock, locking at center, top and bottom.

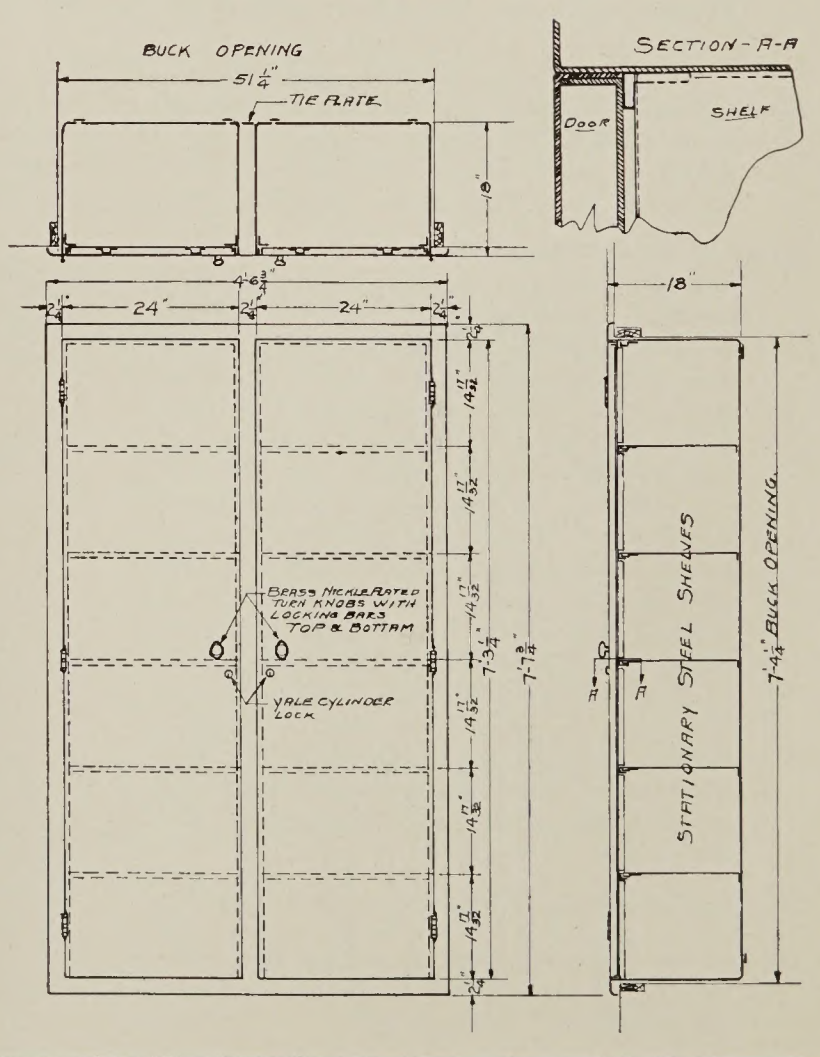
SPECIFICATIONS

Size—Width of installation over all, 4 feet 6¾ inches. Inside width of each unit, 24 inches. Height of each unit over all, 7 feet, 7¾ inches. Inside height of each unit, 7 feet 3¼ inches. Depth of each unit, 18 inches. Distance between shelves, 14 17/32 inches.

Construction—Cabinet bodies, 18 gauge cold rolled, stretcher leveled, pickled, full finished furniture steel. Cabinet backs, formed with ¾-inch radius cove. Front trim formed with ⅜-inch radius at outer edge, and reinforced with 1½x¼-inch strips welded on. Joints, torch welded and ground smooth. Doors, double wall flush construction, inside panel telescoping into outer panel, both panels 18 gauge with ¾-inch flange on all sides. Door panels are torch welded together, leaving dead air space between. Box stiffener between panels at center for reinforcement. Steel shelves, 18 gauge sheet furniture steel formed with a 1-inch downturn flange on all sides. Front flange has a return at the bottom for additional reinforcement.

Equipment—Locks, Yale flat key, cylinder type, brass nickel plated. Turn knobs, cast brass, nickel plated, with special cam on inside to operate locking bars at top, bottom and center. Locking bars are concealed between door panels. Hinges, concealed type with barrel exposed, brass nickel plated.

Design No.—In writing regarding this cabinet, or in specifying it, please refer to *"WhiteKraft"* design HG.



"WhiteKraft" Built-In Steel Blanket Warmer

This *"WhiteKraft"* Blanket Warmer is an exceptionally efficient piece of furniture insulated on sides, back and top, between the double walls, with 5-ply air cell asbestos. The doors are arranged with vent holes. The stationary steel shelves and the removable bottom are all perforated. There are five perforated shelves. Dimensions shown may be varied to suit requirements and adjustable shelves may be substituted for the stationary shelves.

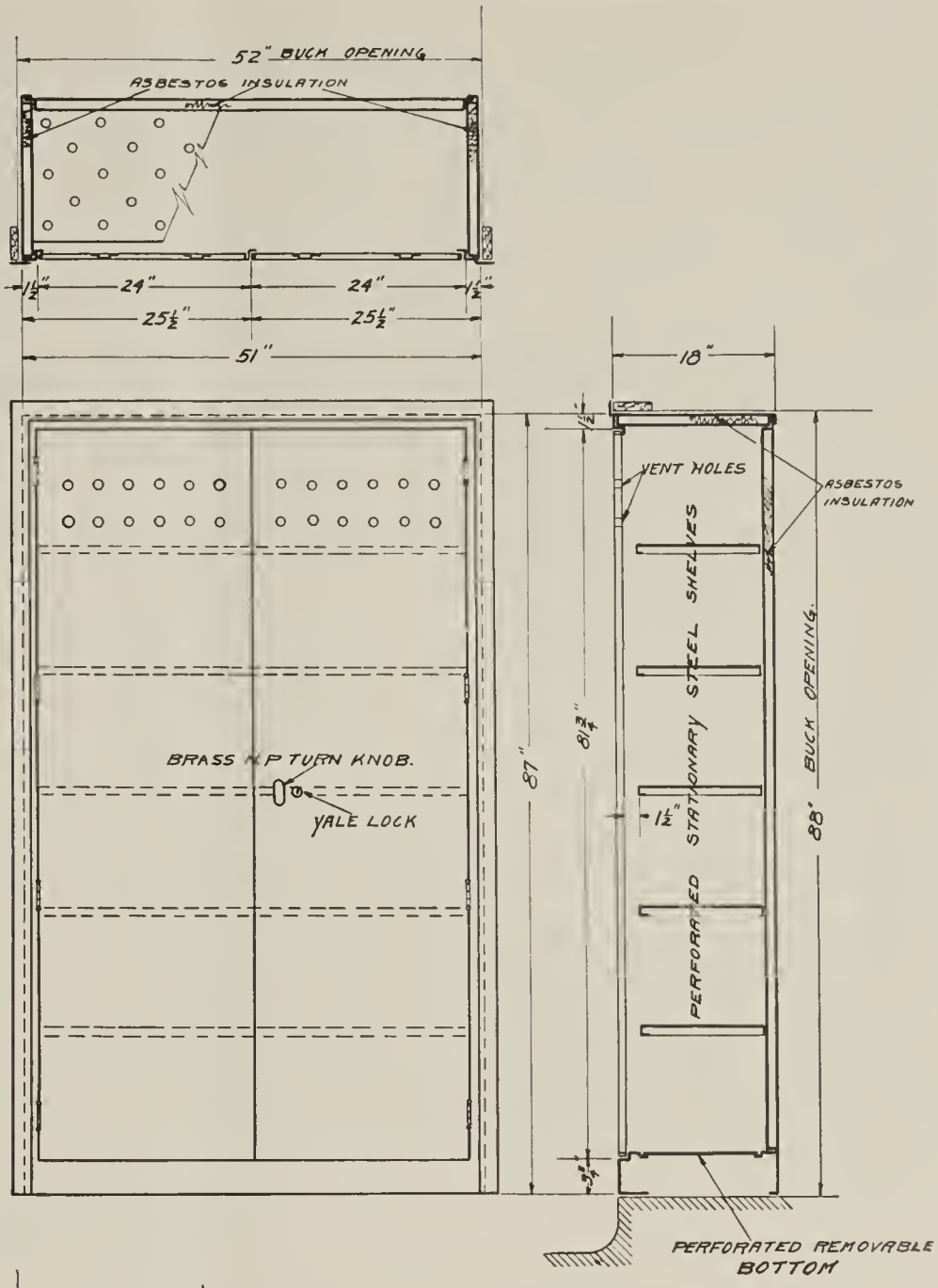
SPECIFICATIONS

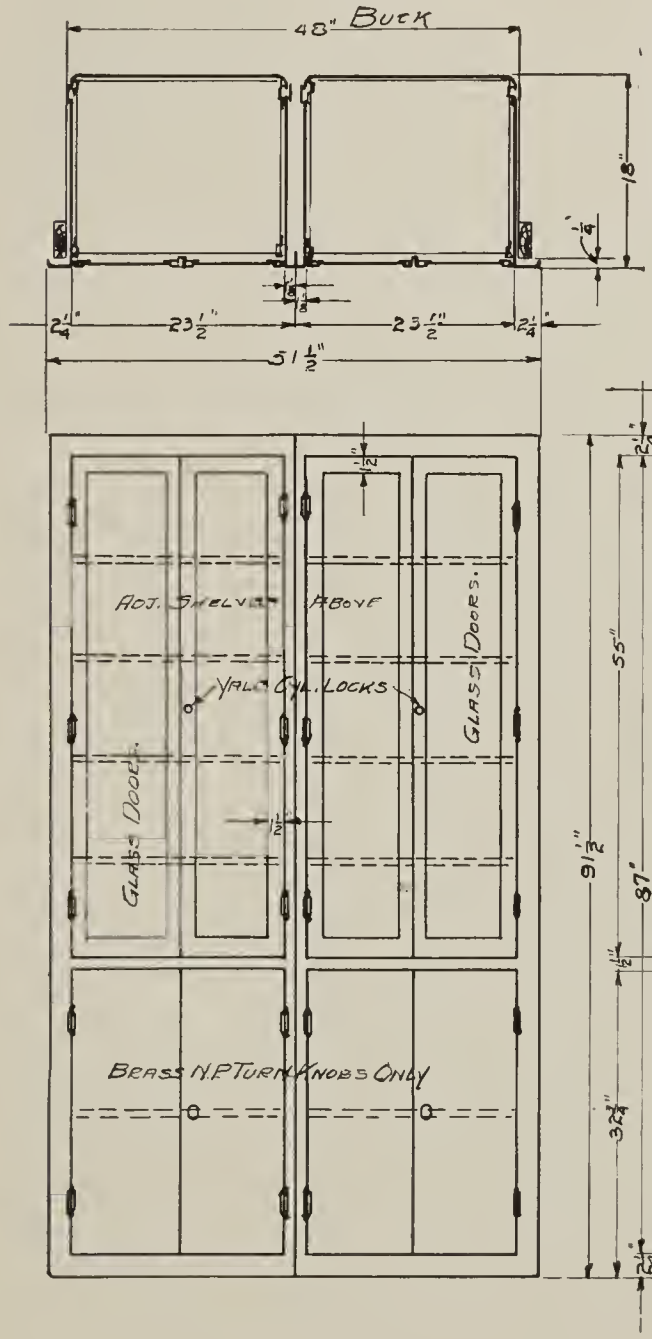
Size—Inside width of installation, 48 inches. Inside height, 81¾ inches; depth, 18 inches.

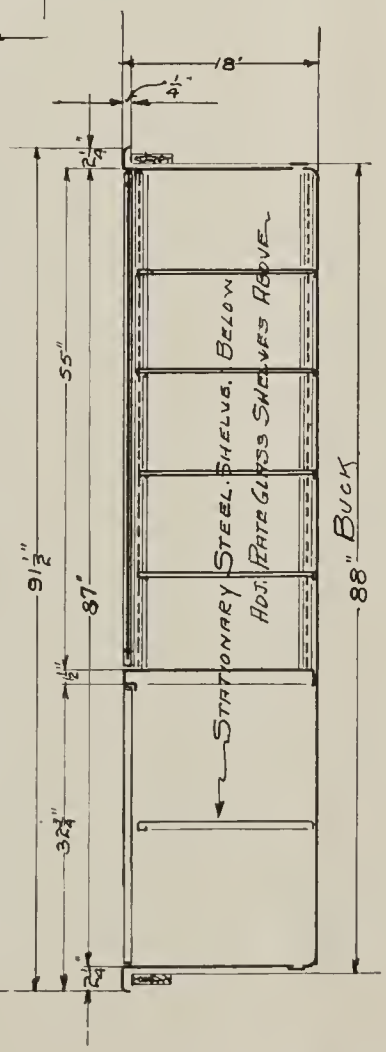
Construction—Construction details are the same as specified on *"WhiteKraft"* Design HA except that doors and shelves are vented and perforated.

Equipment—Locks, Yale flat key, cylinder type, brass nickel plated. Turn knobs, cast brass, nickel plated, with special cam on inside to operate locking bars at top, bottom and center. Locking bars are concealed between door panels. Hinges, concealed type with barrel exposed, brass nickel plated.

Design No.—Concerning this cabinet or in specifying, please refer to Design No. HN.







"WhiteKraft" Built-In Steel Dentist's Cabinet

This installation consists of two units, specially adapted for the Hospital Dentist's Office. The lower compartment may be converted into drawers if preferred, and the sizes and gauge of material may be varied to suit requirements.

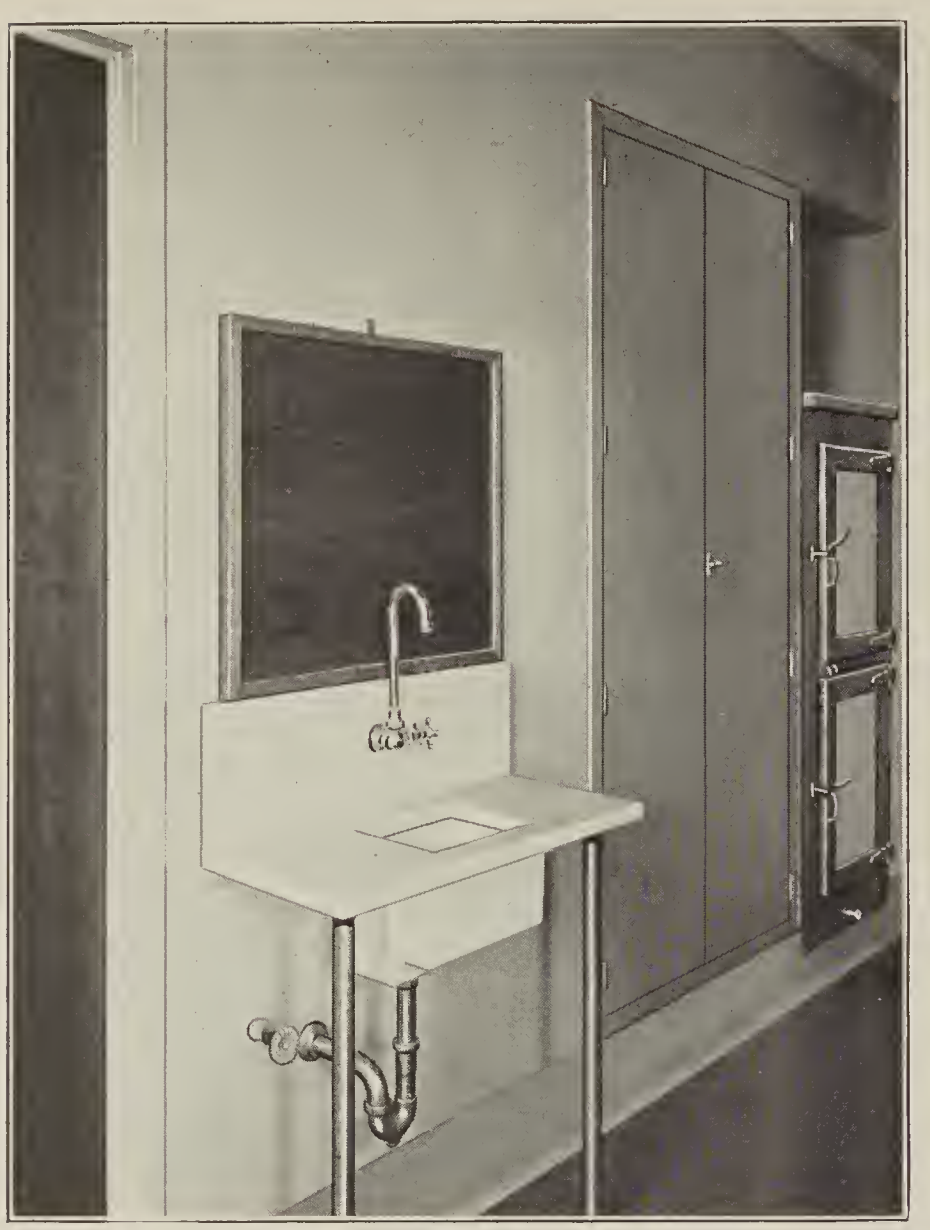
SPECIFICATIONS

Size—Width of installation including flanges, 51½ inches. Inside width of each unit, 23½ inches. Height including flanges, 91½ inches. Depth, 18 inches. Inside height of lower compartment, 30½ inches. Height of upper compartment, 55 inches.

Construction—Construction details are the same as specified under *"WhiteKraft"* Design No. HC, except that the upper shelves are adjustable by means of a slotted channel device, welded to the corners of the cabinet. The lower steel shelf is stationary.

Equipment—Locks, Yale flat key, cylinder type, brass nickel plated. Turn knobs, cast brass, nickel plated, with special cam on inside to operate locking bars at top, bottom and center. Locking bars are concealed between door panels. Hinges, concealed type with barrel exposed, brass nickel plated.

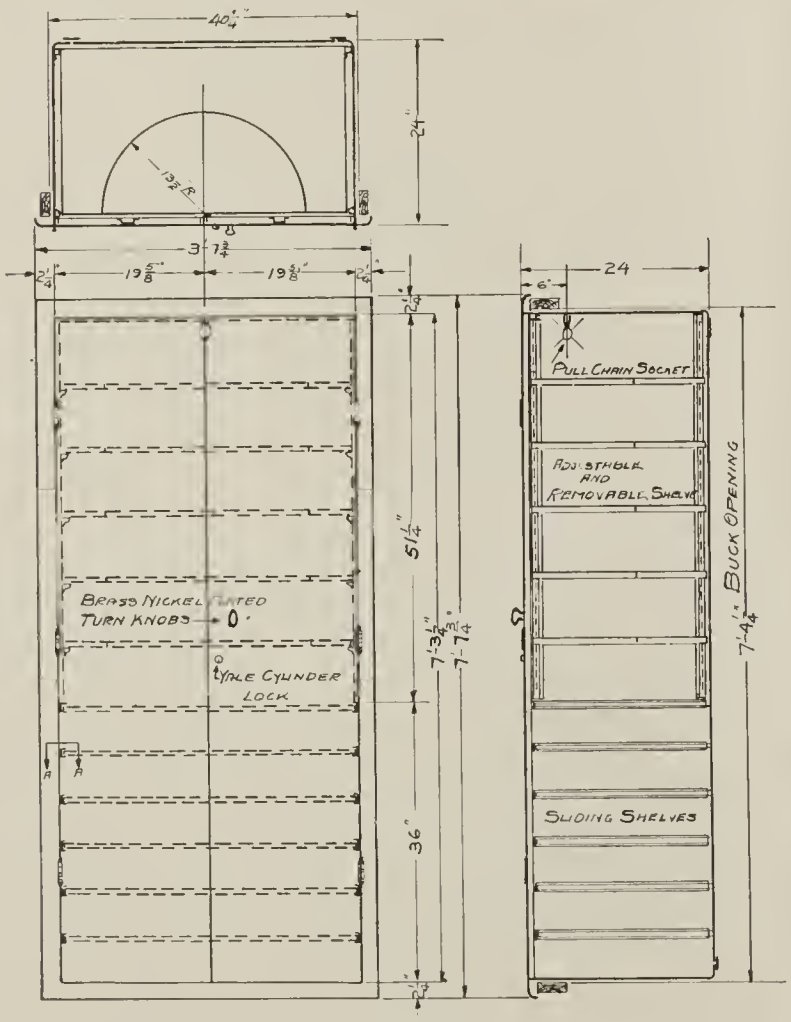
Design No.—Concerning this cabinet or in specifying, please refer to Design No. HO.



"WhiteKraft" Built-In Steel Drug Case

A strong well-constructed type of *"WhiteKraft"* Built-in Utility Case specified in this instance as a ward drug case.

This unit is typical of *"WhiteKraft"* equipment built according to architects' specifications. *"WhiteKraft"* Built-in Cases and Cabinets are built according to specifications furnished, or according to designs furnished by our own engineering department. The up-to-date Betzco equipment makes it possible to produce case work according to any of the standard specifications in the *"WhiteKraft"* shops.



SPECIFICATIONS

Size—Width over all, 3 feet 7¾ inches. Inside width of section, 39¼ inches. Height of complete unit over all, 7 feet 7¾ inches. Inside height, 7 feet 3¼ inches. Depth, 24 inches.

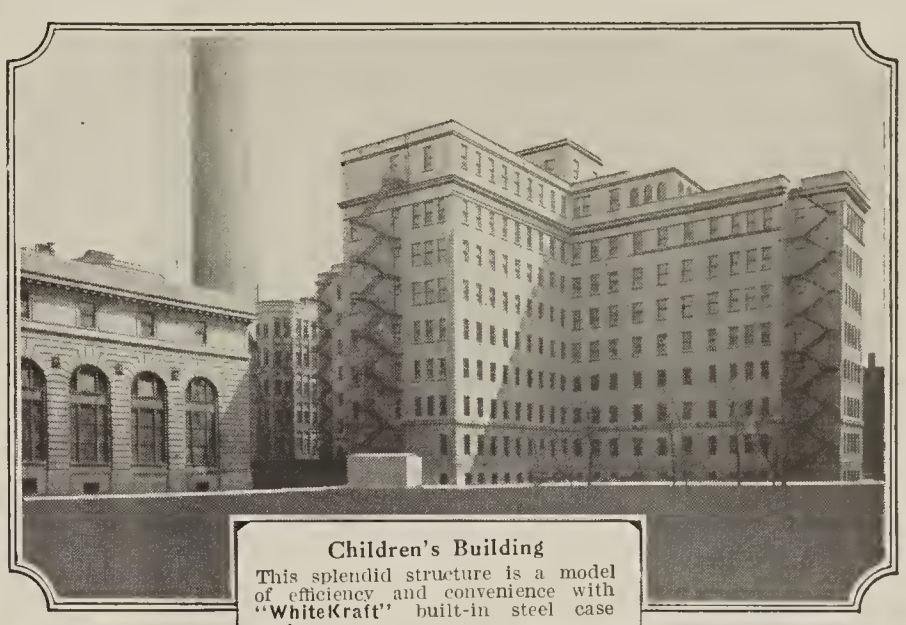
Construction — Cabinet bodies, 18 gauge cold rolled, stretcher leveled, pickled, full finished furniture steel. Cabinet backs, formed with ¾-inch radius cove. Front trim formed with ⅜-inch radius at outer edge, and reinforced with 1½x¼-inch strips welded on. Joints, torch welded and ground smooth. Doors, double wall flush construction, inside panel telescoping into outer panel, both panels 18 gauge with ¾-inch flange on all sides. Door panels are torch welded together, leaving dead air space between. Box stiffener between panels at center for reinforcement. Steel shelves, 18 gauge sheet furniture steel formed with a 1-inch downturn flange on all sides. Front flange has a return at the bottom for additional reinforcement. Shelves are adjustable with a slotted channel device, spot welded to the four corners of each cabinet, and with 12 gauge steel shelf rests inserted in the slots. Sliding shelves, five lower shelves are built according to the same specifications as above, but are mounted in channels and slide out.

Equipment—Locks, Yale flat key, cylinder type, brass nickel plated. Turn knobs, case brass, nickel plated, with special cam on inside to operate locking bars at top, bottom and center. Locking bars are concealed between door panels. Hinges, concealed type with barrel exposed, brass nickel plated.

Design No.—In writing regarding this cabinet, or in specifying it, please refer to *"WhiteKraft"* design HE.

"WhiteKraft" Built-In Cabinets

Milk Bottle Cases
These steel and glass Milk Bottle Cases, children's building, are of "WhiteKraft" construction.



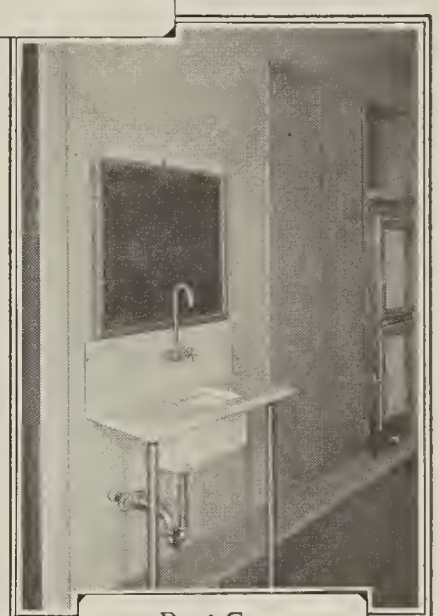
Children's Building
This splendid structure is a model of efficiency and convenience with "WhiteKraft" built-in steel case work.

Fire Hose Cabinets
Typical built-in "WhiteKraft" steel Fire Hose Cabinets in children's building.

COOK COUNTY HOSPITAL

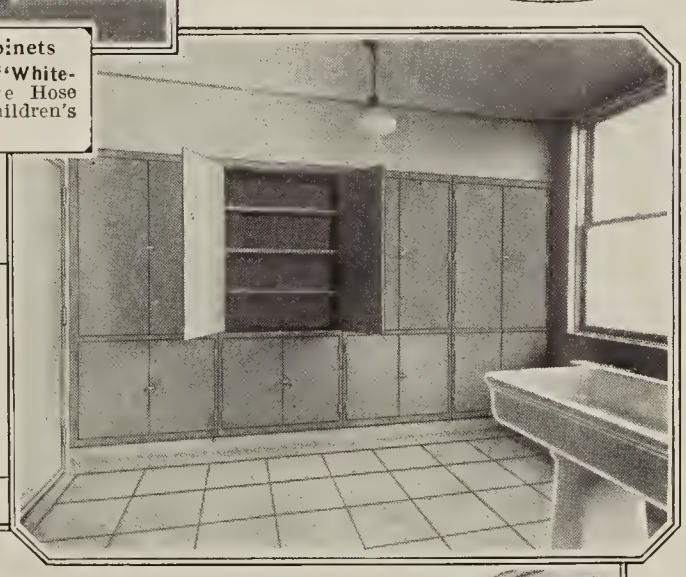
CHICAGO, ILLINOIS

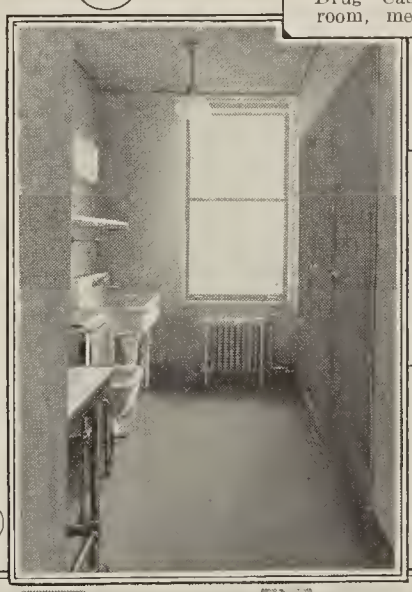
The new men's ward building, the children's building, the receiving pavilion and the morgue of the large recent additions to the famous Cook County Hospital are equipped throughout with Betzco *"WhiteKraft"* built-in steel cupboards, shelving, cabinets and fire hose cabinets, manufactured and installed by the Frank S. Betz Company from the architect's plans and specifications.



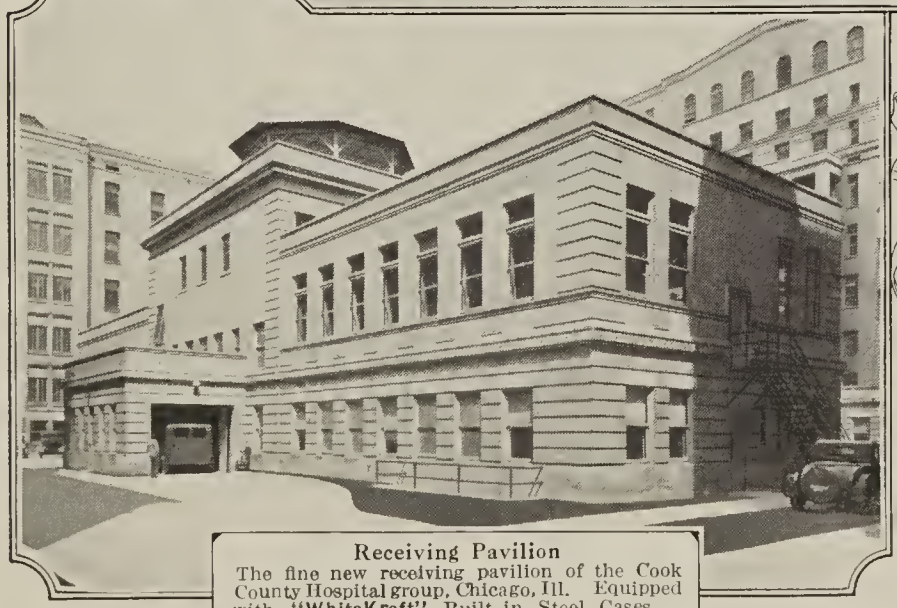
Drug Cases
A typical built-in "WhiteKraft" steel Drug Case in nurse's room, men's building.

Bathroom Cases
Installation of "WhiteKraft" steel Built-in Cases in receiving bathrooms, children's building.

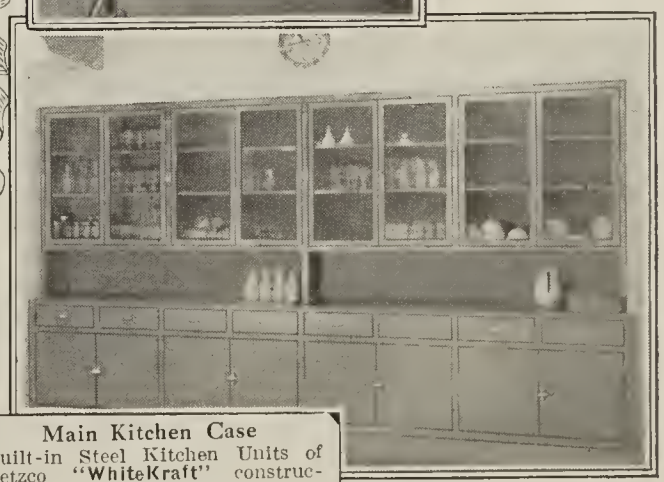




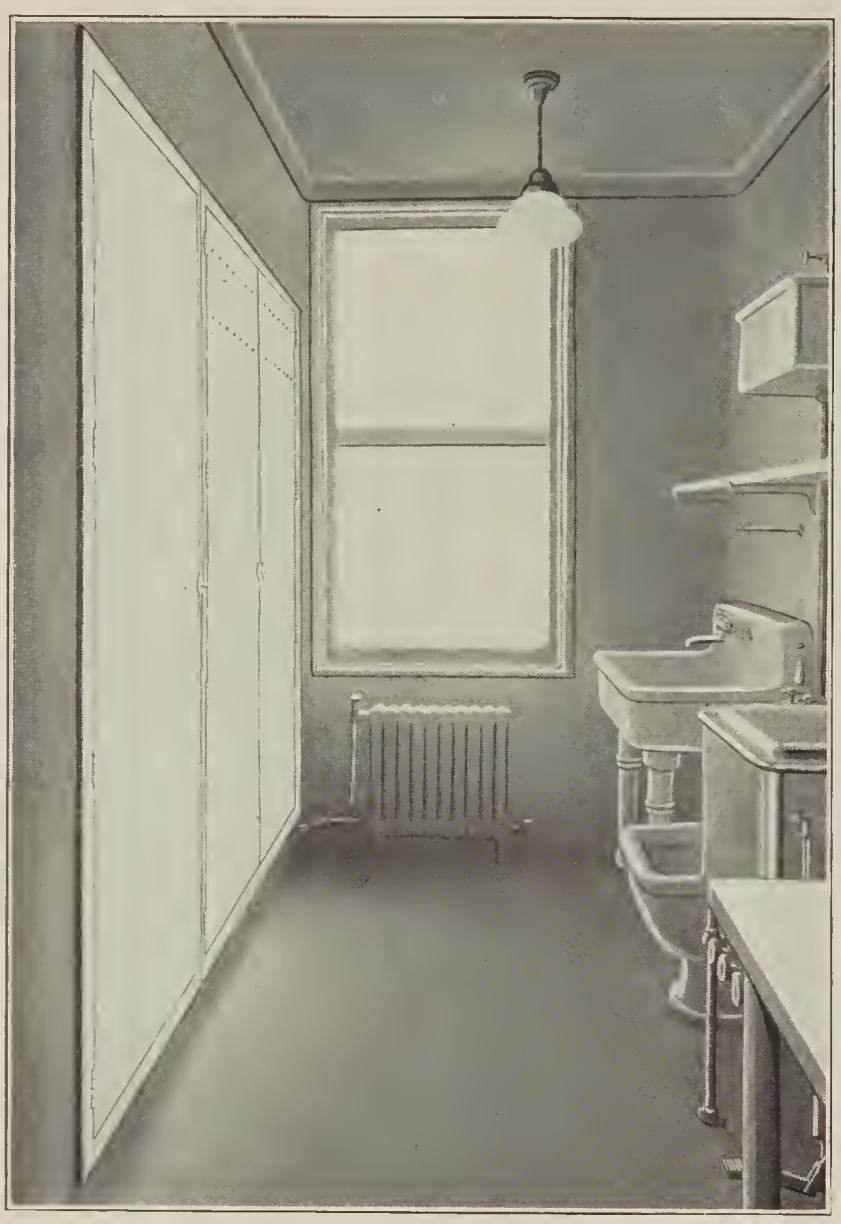
Utility Room Cases
"WhiteKraft" built-in Stoel Cases in typical utility room, men's ward building.



Receiving Pavilion
The fine new receiving pavilion of the Cook County Hospital group, Chicago, Ill. Equipped with "WhiteKraft" Built-in Steel Cases.



Main Kitchen Case
Built-in Steel Kitchen Units of Betzco "WhiteKraft" construction, children's building.



"WhiteKraft" Utility Room Built-In Steel Cabinets

These conveniently arranged *"WhiteKraft"* Built-in Steel Cases are made in two sections. One section has double perforated doors, two rows of urinal racks for sixteen urinals, two rows of bed-pan racks for eight bed-pans, and two perforated stationary steel shelves at the bottom. The other section has a single steel door with Yale lock, and five stationary steel shelves. Sizes and gauge of material may be varied to suit the buyer, and adjustable shelves may be substituted for the stationary shelves.

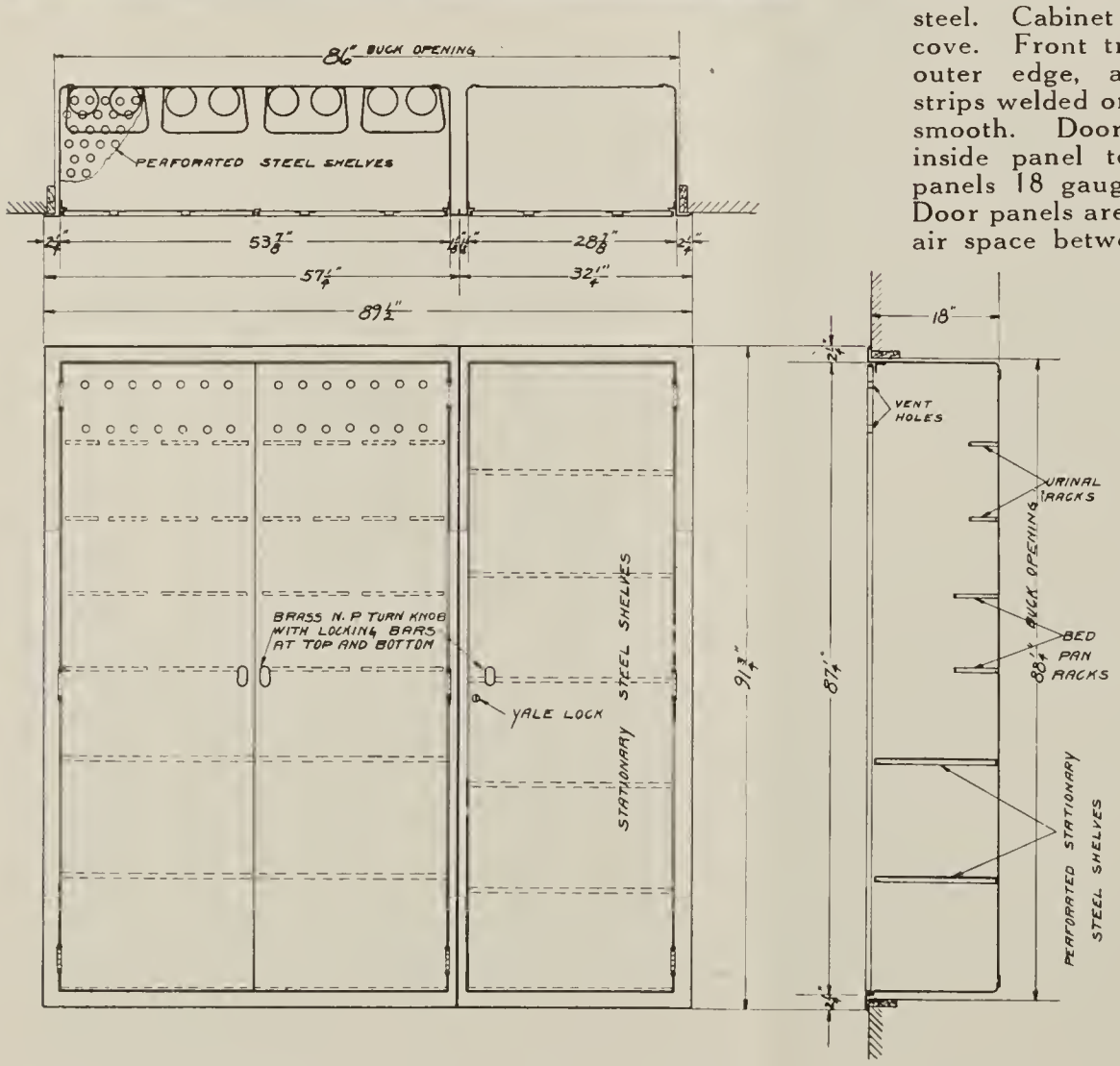
SPECIFICATIONS

Size—Width of complete installation including flanges, 89½ inches. Width of two-door unit including flanges, 57¼ inches. Inside width of two-door unit, 53⅞ inches. Width of single door unit including flanges, 32¼ inches. Inside width of single door unit, 28⅞ inches. Depth of installation, 18 inches. Height of installation including flanges, 91¾ inches. Inside height of installation, 87¼ inches.

Construction—Cabinet bodies, 18 gauge cold rolled, stretcher leveled, pickled, full finished furniture steel. Cabinet backs, formed with ¾-inch radius cove. Front trim formed with ⅜-inch radius at outer edge, and reinforced with 1½x¼-inch strips welded on. Joints, torch welded and ground smooth. Doors, double wall flush construction, inside panel telescoping into outer panel, both panels 18 gauge with ¾-inch flange on all sides. Door panels are torch welded together leaving dead air space between. Box stiffener between panels at center for reinforcement. Steel shelves, 18 gauge sheet furniture steel formed with a 1-inch downturn flange on all sides. Front flange has a return at the bottom for additional reinforcement.

Equipment—Locks, Yale flat key, cylinder type, brass nickel plated. Turn Knobs, cast brass, nickel plated, with special cam on inside to operate locking bars at top, bottom and center. Locking bars are concealed between door panels. Hinges, concealed type with barrel exposed, brass nickel plated.

Design No.—In writing regarding this cabinet, or in specifying it, please refer to *"WhiteKraft"* design HI.

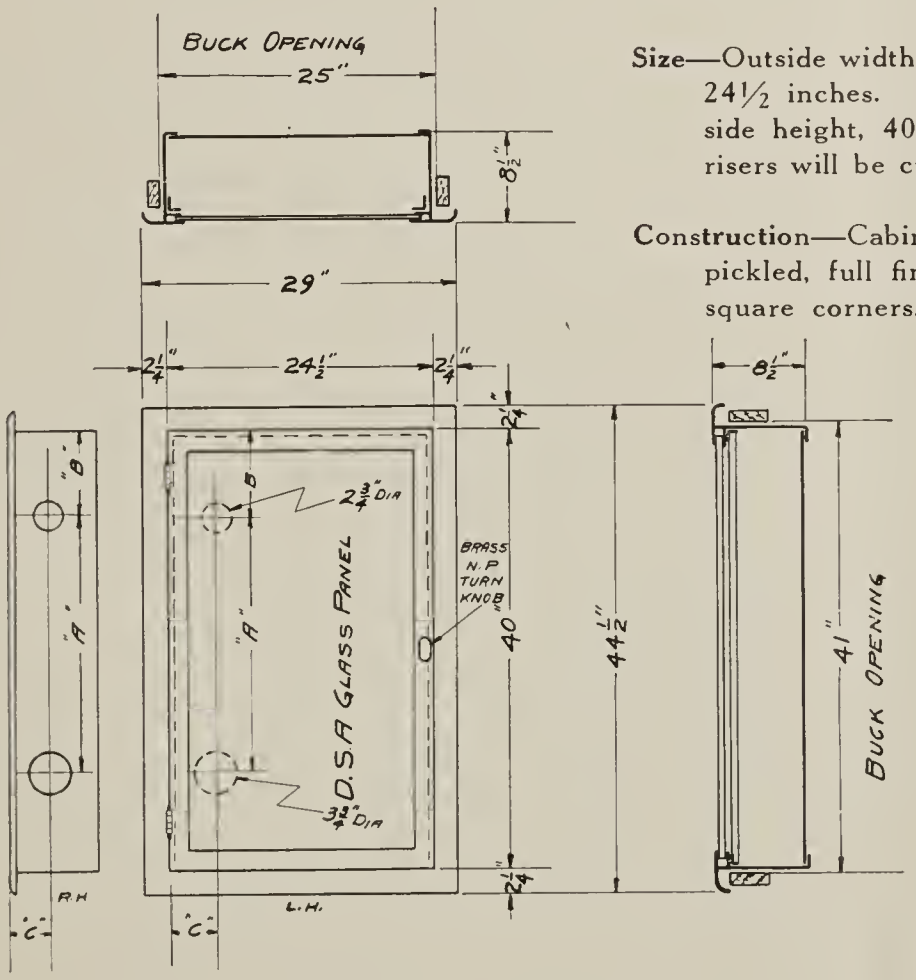


"WhiteKraft" Built-In Steel Fire Hose Cabinet

This stout, trim, Built-in Steel Fire Hose Cabinet is arranged for quick access, but at the same time serves to protect the fire hose from tampering.

These cabinets are made either with lock, with the glass to be broken in emergency, or with brass, nickel plated turn-knob.

Prices on Fire Hose Cabinets made according to any style or specification, will be quoted on application, and blue prints showing details will be submitted by our engineering department.



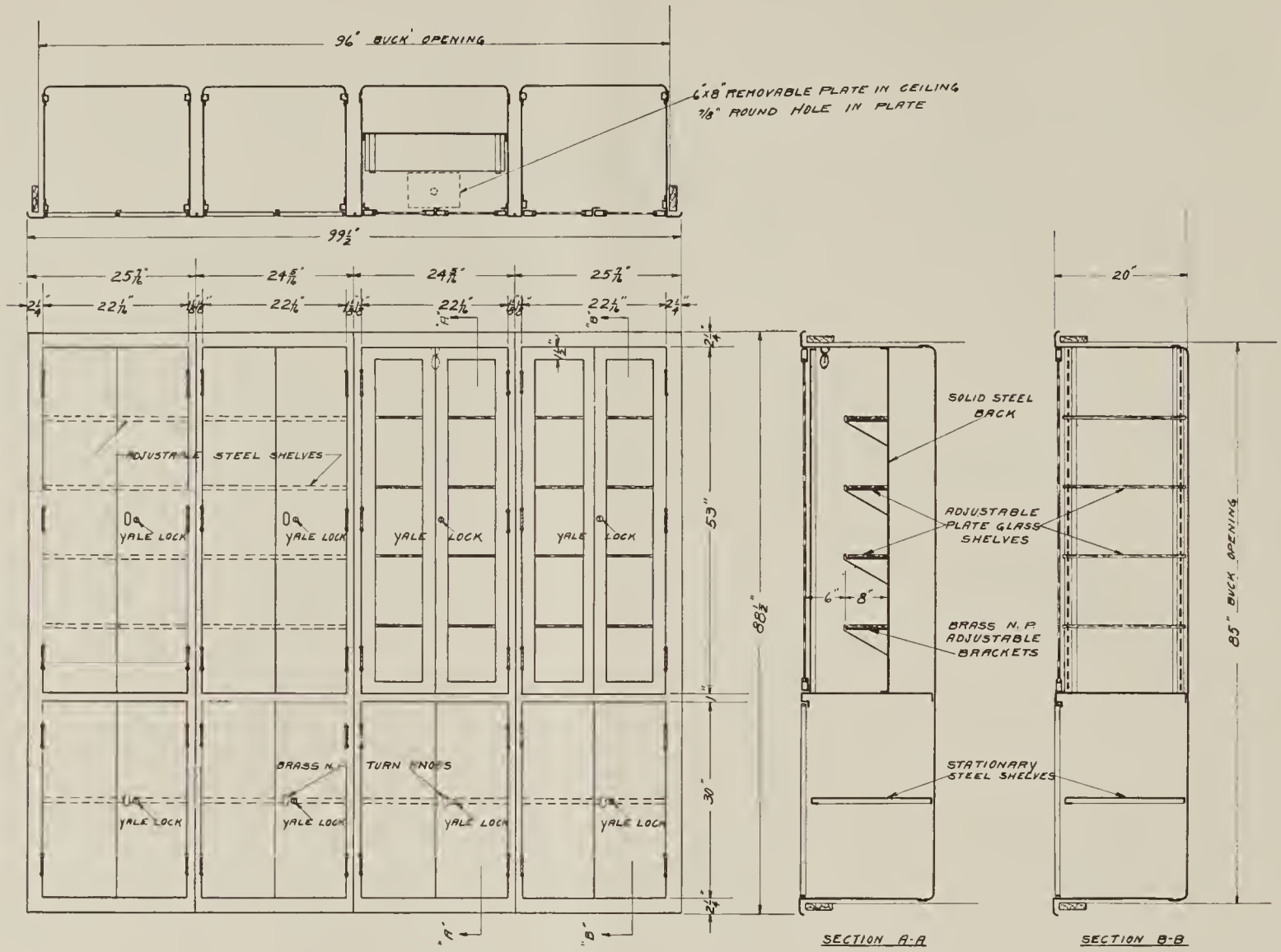
SPECIFICATIONS

Size—Outside width over all including flanges, 29 inches. Inside width, 24½ inches. Height over all including flanges, 44½ inches. Inside height, 40 inches. Depth, 8½ inches. Openings for water risers will be cut in position, and of the size required.

Construction—Cabinet bodies, 18 gauge cold rolled, stretcher leveled, pickled, full finished furniture steel. Cabinet backs, formed with square corners. Front trim formed with ⅜-inch radius as outer edge, and reinforced with 1½x¼-inch strips welded on. Joints, torch welded and ground smooth. Doors, frames double wall construction, inside panel telescoping into outer panel, flanged to make doors ¾ inch thick, and inside frame screwed to door frame to hold plate glass panels.

Equipment—Locks (if used), Yale flat key, cylinder type, brass nickel plated. Turn-knobs (if used), cast brass nickel plated. Hinges, concealed type with barrel exposed, brass, nickel plated.

Design No.—In writing regarding this cabinet, or specifying it, please refer to *"WhiteKraft"* Design HH.



"WhiteKraft" Surgical and Dressing Room Case

This installation furnishes a very satisfactory equipment for surgical and dressing rooms. The installation consists of four units: Two units with four steel doors and two units each with two steel doors and two glass panel doors. One unit is electrically lighted.

Upper sections of each unit are made with adjustable shelves. In the two units with glass panel doors, the upper shelves are plate glass. Sizes, gauge of material and shelf equipment may be varied to suit requirements. Stationary shelves in steel or glass may be substituted for adjustable shelves or vice versa.

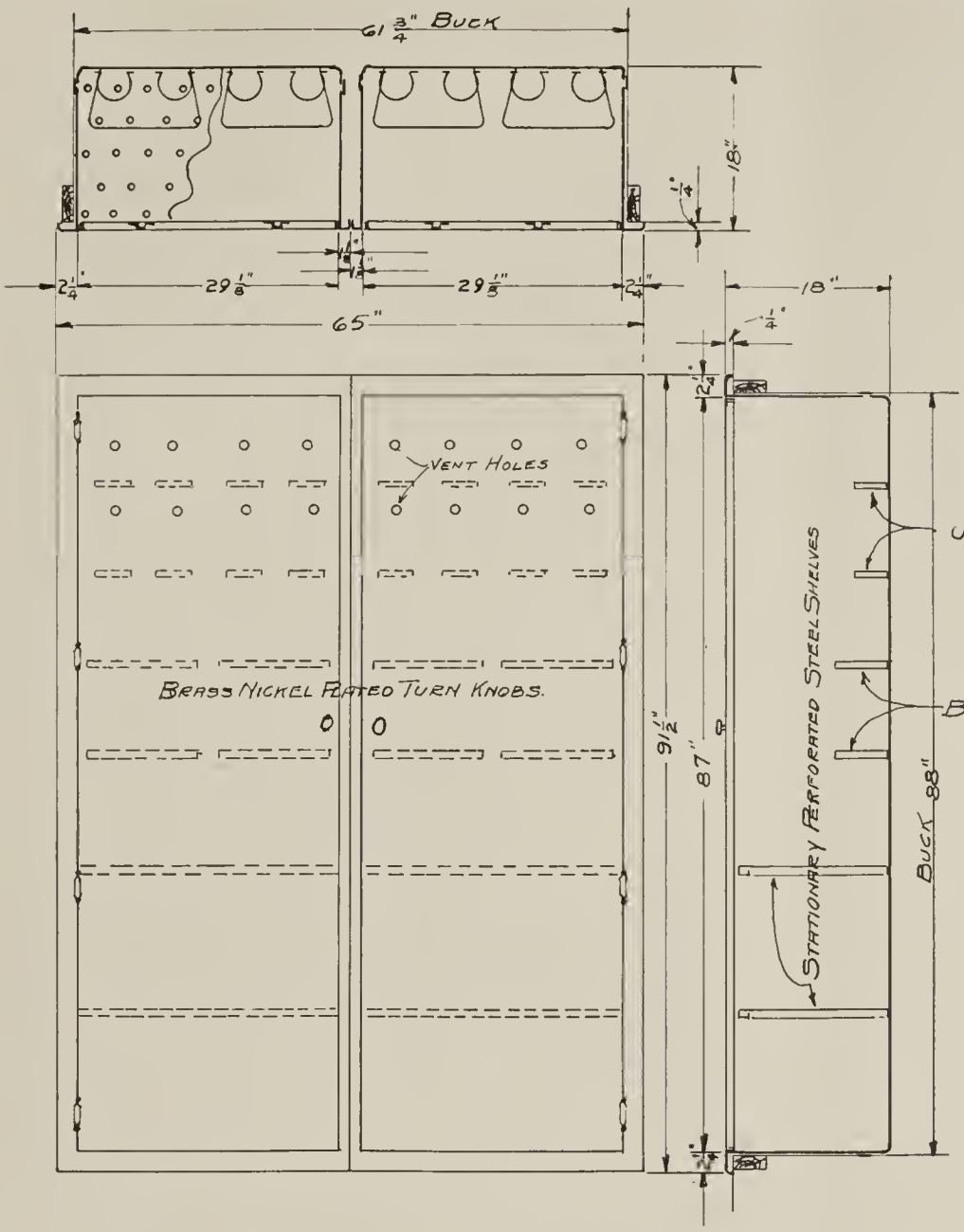
SPECIFICATIONS

Size—Width of installation including flanges, 99½ inches. Inside width of each unit, 22 1/16 inches. Height including flanges, 88½ inches. Inside height of upper section, 53 inches. Inside height of lower section, 30 inches. Depth, 20 inches.

Construction—Cabinet bodies, 18 gauge cold rolled, stretcher leveled, pickled, full finished furniture steel. Cabinet backs, formed with ¾-inch radius cove. Front trim formed with ⅜-inch radius at outer edge, and reinforced with 1½x¼-inch strips, welded on. Joints, torch welded and ground smooth. Steel doors, double wall flush construction, inside panel telescoping into outer panel, both panels 18 gauge with ¾-inch flange on all sides. Door panels are torch welded together leaving dead air space between. Box stiffener between panels at center for reinforcement. Glass panel doors, frames double wall construction, inside panel telescoping into outer panel, flanged to make doors ¾ inch thick, and inside frame screwed to door frame to hold plate glass panels. Steel shelves, 18 gauge sheet furniture steel formed with a 1-inch downturn flange on all sides. Front flange has a return at the bottom for additional reinforcement. Glass shelves, ¼-inch crystal plate glass.

Equipment—Locks, Yale flat key, cylinder type, brass nickel plated. Turnknobs, cast brass, nickel plated, with special cam on inside to operate locking bars at top, bottom and center. Locking bars are concealed between door panels. Hinges, concealed type with barrel exposed, brass nickel plated.

Design No.—In writing regarding this cabinet, or in specifying it, please refer to *"WhiteKraft"* design No. HP.



"WhiteKraft" Utility Room Steel Cases

This drawing shows the detail of a typical Utility Room Case. This case is divided into two units, each with a single door. Each door has eight vent holes, and each unit is equipped with eight racks for urinals, four racks for bed-pans, and two stationary steel shelves below. Sizes of units and gauge of material may be varied to suit requirements. Adjustable steel shelves may be substituted for the stationary steel shelves.

SPECIFICATIONS

Size—Width of installation including flanges, 65 inches. Height including flanges, 91½ inches. Depth, 18 inches. Inside width of each unit, 29⅛ inches. Inside height of each unit, 87 inches.

Construction—Same construction details as specified under Design No. HI.

Equipment—Locks, Yale flat key, cylinder type, brass nickel plated. Turn Knobs, cast brass nickel plated, with special cam on inside to operate locking bars at top, bottom and center. Locking bars are concealed between door panels. Hinges, concealed type with barrel exposed, brass nickel plated.

Design No.—In writing regarding this cabinet, or in specifying it, please refer to *"WhiteKraft"* design HL.

"WhiteKraft" Built-In Steel Laboratory Cases

These cases are of a convenient size for Laboratory use. The adjustable shelves with which they are equipped, adapt them to a great variety of service for storing glass-ware, media, specimens, stains, etc. The size may be varied to suit requirements. Fixed steel shelves may also be substituted for the adjustable shelves.

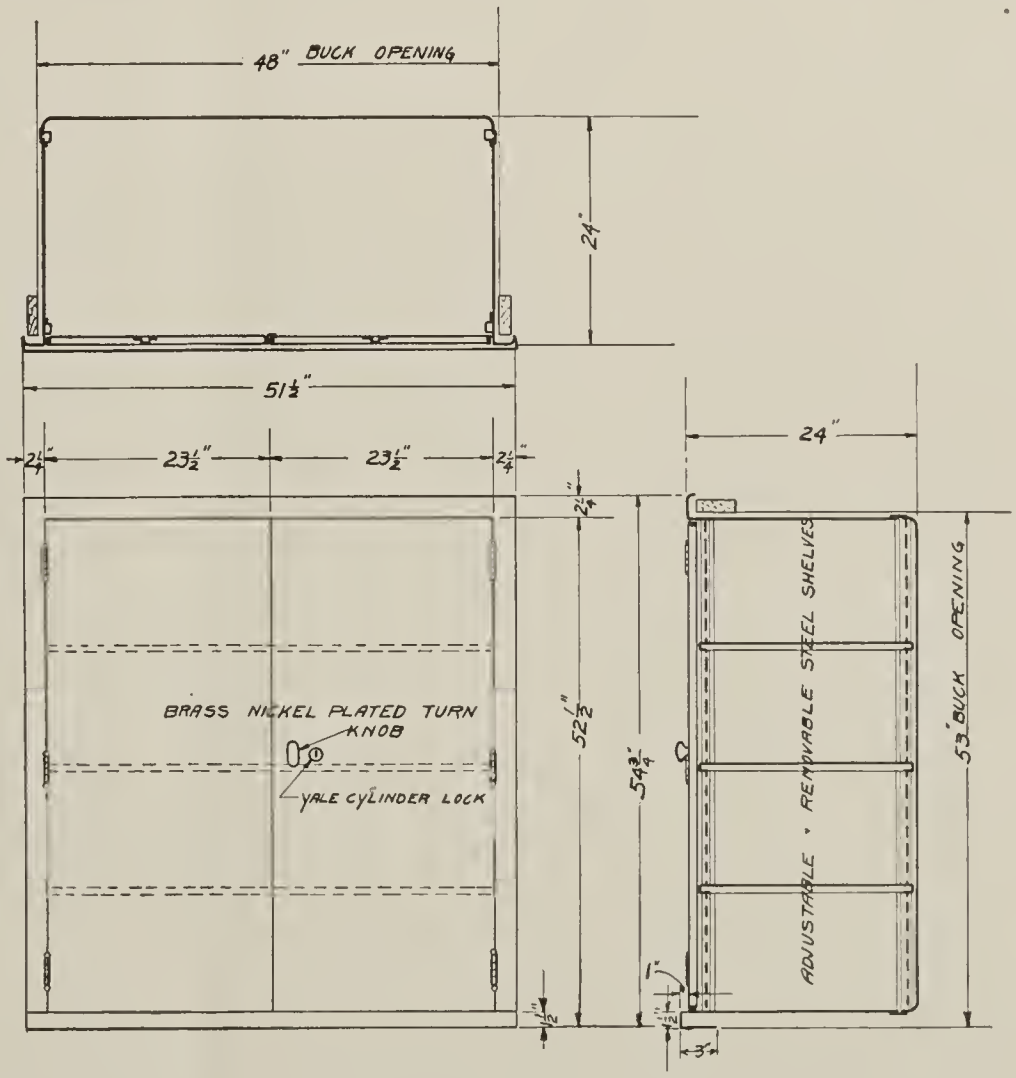
SPECIFICATIONS

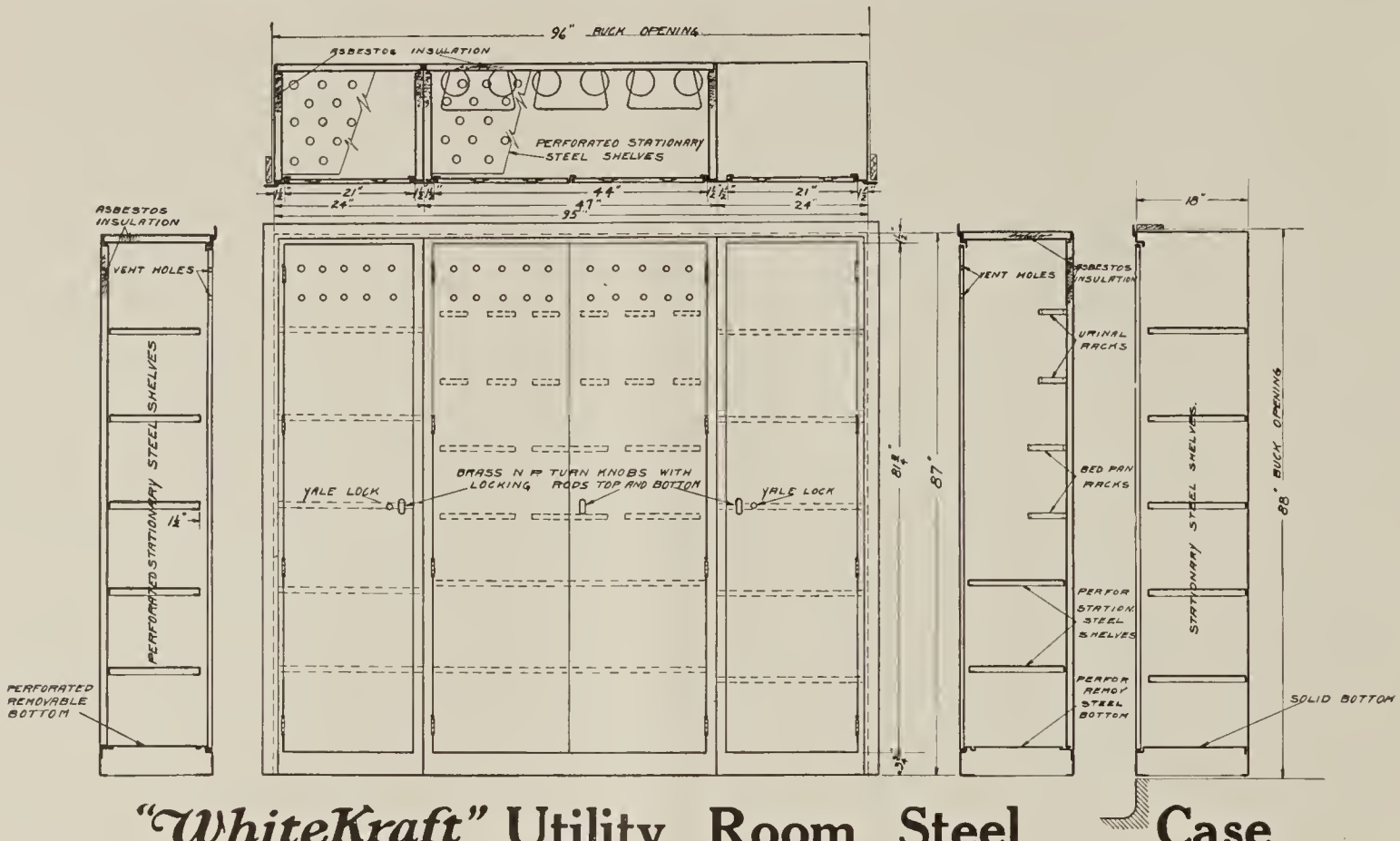
Size—Width of installation including flanges, 51½ inches. Inside width, 47 inches. Height including flanges. 54¾ inches. Inside height, 52½ inches. Depth, 24 inches.

Construction—Construction details are the same as specified on *"WhiteKraft"* design HA set, except shelves are adjustable by means of a slotted channel shelf holding device welded to the four corners of the cabinet.

Equipment—Locks, Yale flat key, cylinder type, brass nickel plated. Turn Knobs, cast brass, nickel plated, with special cam on inside to operate locking bars at top, bottom and center. Locking bars are concealed between door panels. Hinges, concealed type with barrel exposed, brass nickel plated.

Design No.—In writing regarding this cabinet, or in specifying it, please refer to *"WhiteKraft"* design HM.





"WhiteKraft" Utility Room Steel Case

This case was originally designed for a children's building. The installation consists of three units, one two-door and two single door. The double door unit is equipped with vents, racks for twelve urinals, and racks for six bed-pans, with two steel shelves below. One single unit has perforated stationary steel shelves, 5-ply air-cell, asbestos insulation, and a perforated removable bottom. The other single door unit has stationary steel shelves, solid bottom, and no vent holes in the door. The two lower shelves in the double door unit are perforated and there is a perforated removable bottom. Back and sides are heavily insulated with asbestos.

SPECIFICATIONS

Size—Width of installation inside, 95 inches. Height of installation including flanges, 87 inches. Inside width of double door unit, 44 inches. Inside width of each single door unit, 21 inches. Depth of installation, 18 inches.
Construction—Same construction as specified under Design No. HI.
Equipment—Same equipment as specified under Design No. HI.
Design No.—In referring to this installation please specify *"WhiteKraft"* Design HJ.

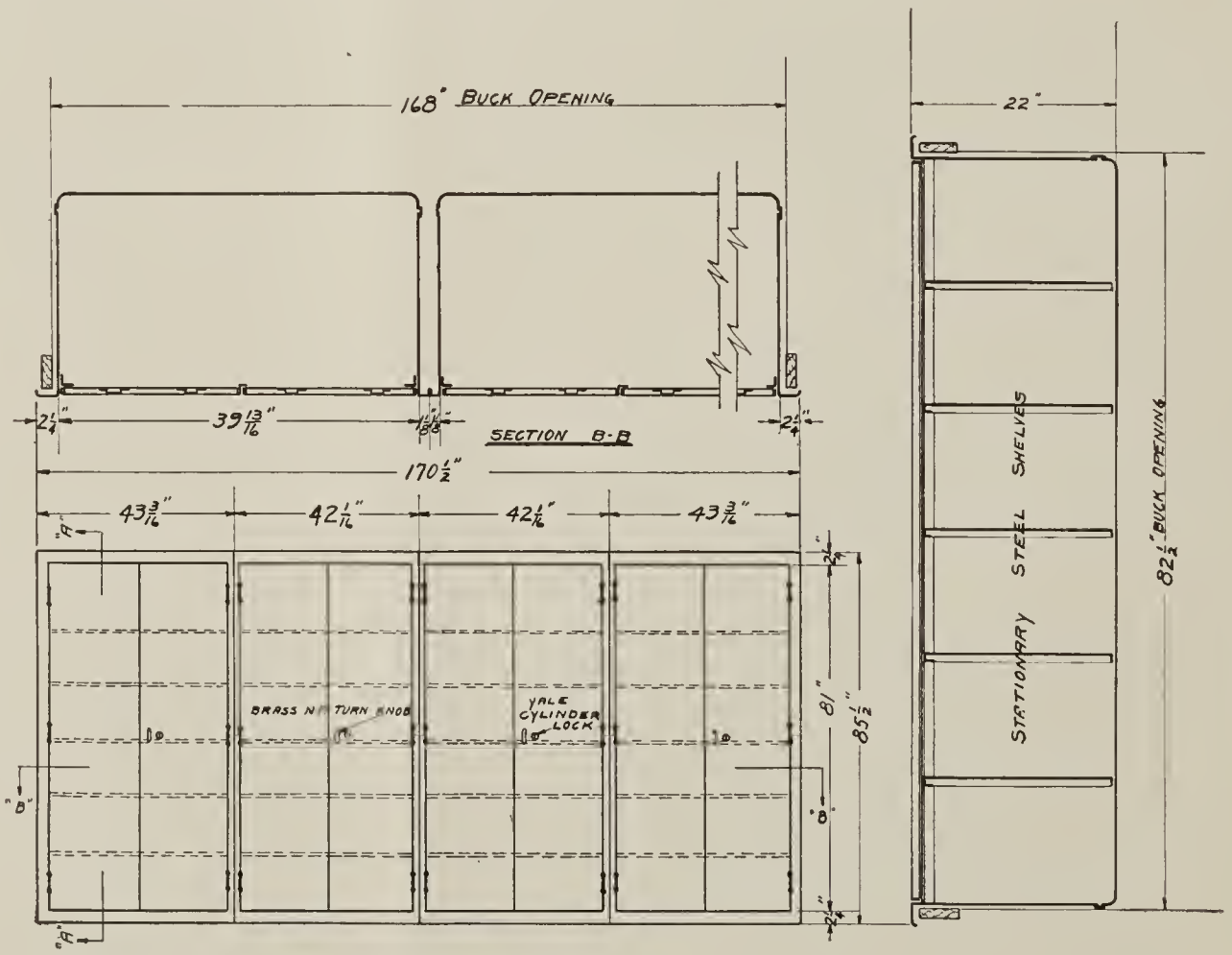
Infant's Bathroom Built-In Steel Case

This steel case installation was designed to build into an infant's bathroom. It consists of four double door units with steel doors, each unit equipped with five stationary steel shelves.

SPECIFICATIONS

Size—Outside width of each unit, $43\frac{3}{16}$ inches. Height of each unit including flanges, $85\frac{1}{2}$ inches. Depth of each unit, 22 inches.

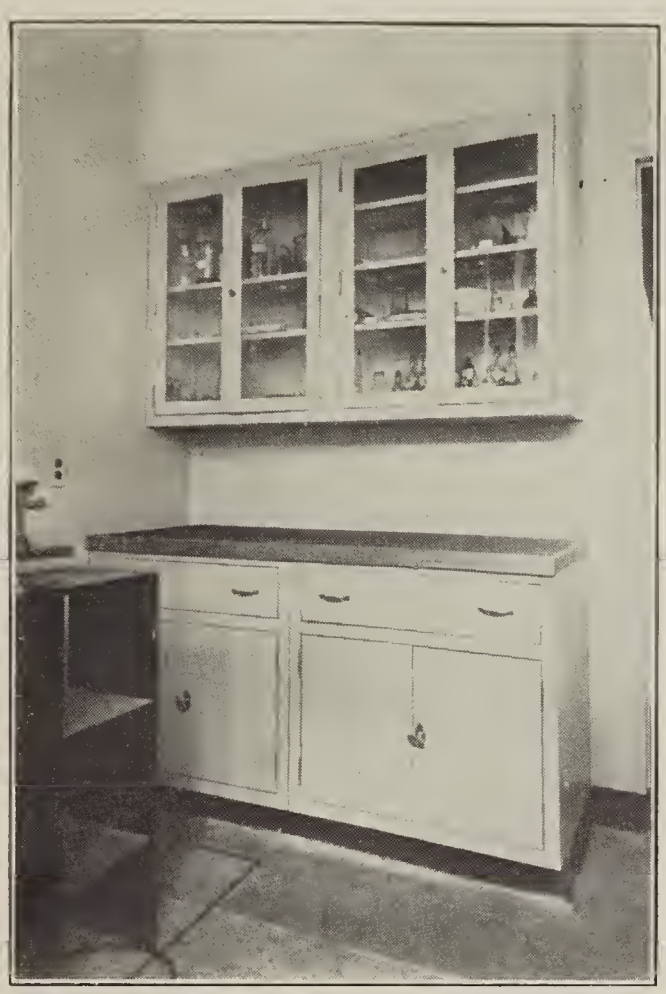
Construction — Same construction details as *"WhiteKraft"* Design No. HG.



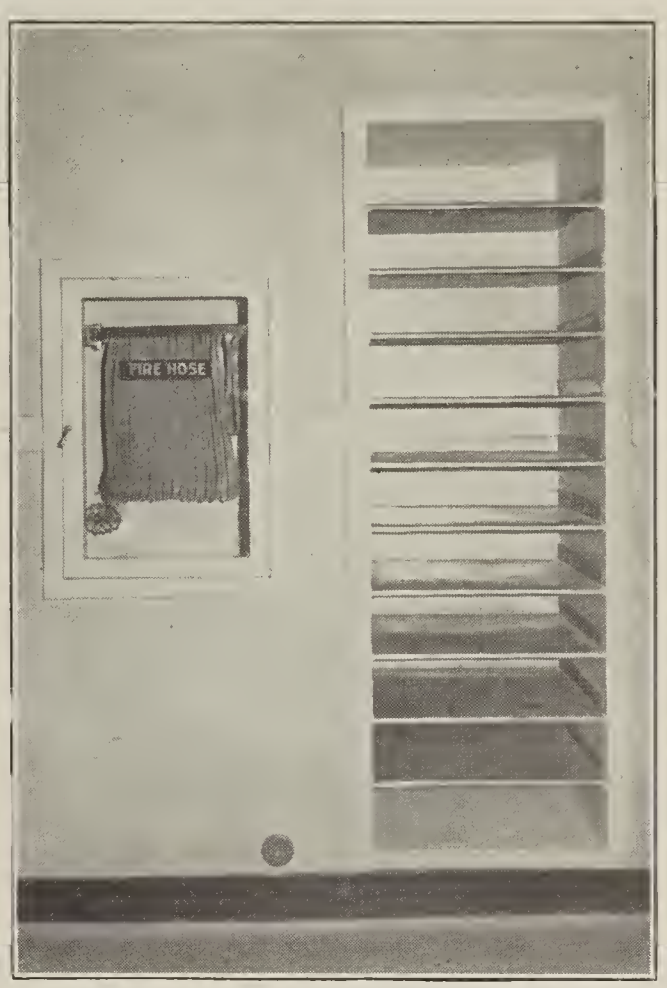
Equipment—Same lock, turn-knob and hinge equipment as specified on Design No. HG.

Design No.—In writing regarding this cabinet, or in specifying it, please refer to *"WhiteKraft"* Design HK.

"WhiteKraft" Built-In Cabinets



BUILT-IN LABORATORY CASES
These cases installed in laboratory of out-patient department. Working surface of Battleship linoleum with Monel metal moulding.



CORRIDOR TRAY CASES
"WhiteKraft" Built-in Steel Tray Cases with Monel metal shelves. Installed in upper corridors next to kitchen lift.

NURSES' WORK ROOM CASES
"WhiteKraft" Steel Supply Cases in nurses' work room, maternity department. Lower section tops, heavy Battleship linoleum with Monel metal moulding.

St. Mary's Hospital

GRAND RAPIDS, MICHIGAN

Steel Cases and Cupboards shown on this page are of *"WhiteKraft"* construction and were installed in the reconstruction of the original units of St. Mary's Hospital, Grand Rapids, Michigan. Built according to the specifications and under the direction of Mr. Harry L. Mead, architect, Grand Rapids, Michigan.

STEEL CASE IN DELIVERY ROOM MATERNITY DEPARTMENT
ST. MARY'S HOSPITAL GRAND RAPIDS MICH. HARRY L. MEAD ARCHITECT GRAND RAPIDS MICH.
FRANK S. BETZ COMPANY HAMMOND INDIANA

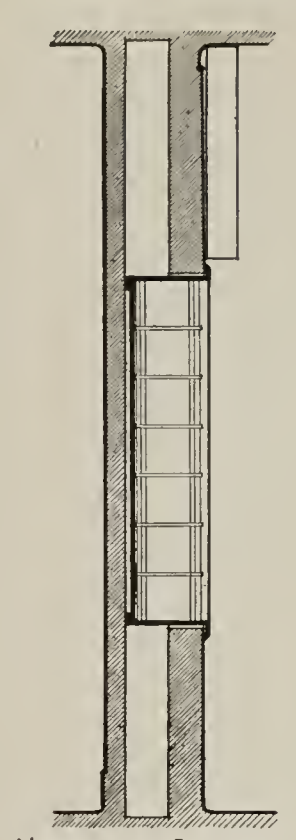
"WhiteKraft" Delivery Room Cases

These cases were installed in the reconstruction of the original unit of St. Mary's Hospital, Grand Rapids, Mich. In reconstructing this unit, the cost was very moderate as the architect made use of a large amount of steel equipment, practically all of which was of standard design.

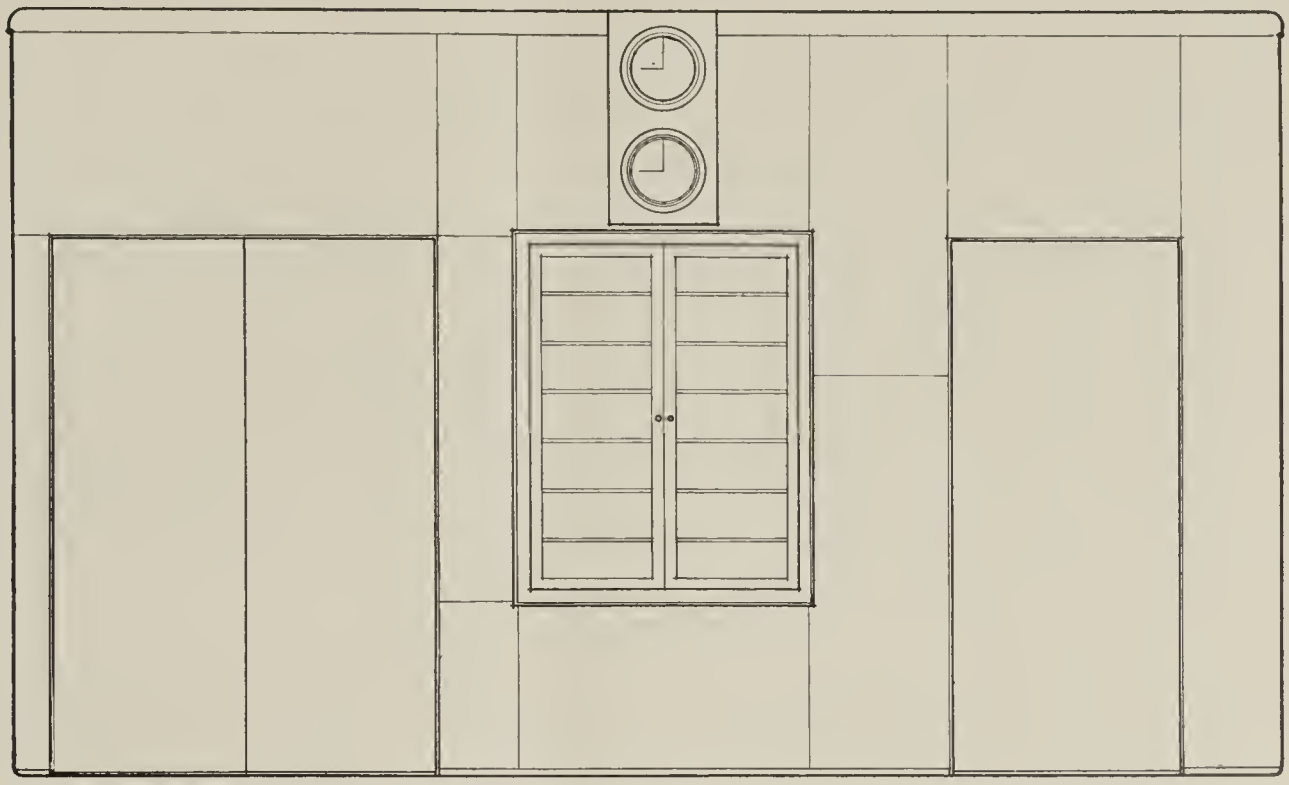
The *"WhiteKraft"* Delivery Room Cases, here shown, are of standard *"WhiteKraft"* design with recessed doors and cove at the edge of the moulding. The doors and shelves are of quarter-inch plate glass. A feature of this design is the arrangement of adjustable shelf supports at the center of the glass shelves, giving them support at three points, center and both ends.

There is a distinct advantage in specifying standard cabinets of this design particularly in the cost of having them manufactured. Dies, jigs and tools for punching out openings are all made up and no cost for special tools would be included in manufacturing these designs. In addition having these tools available, shortens the time necessary for fabricating the cabinets and allows for quick deliveries, eliminating last minute delays in completing construction.

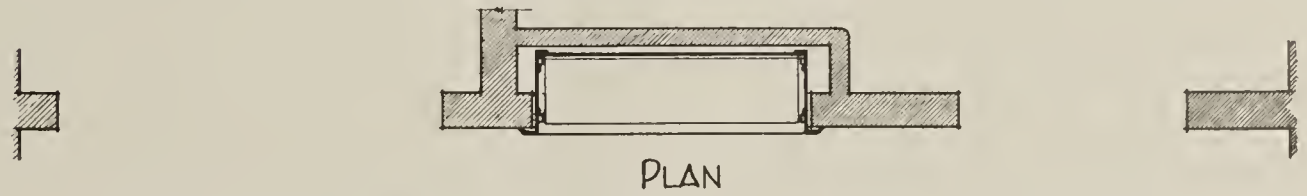
Note—Blue prints showing all dimensions of these cabinets will be sent on request, or drawings will be made showing these cabinets in other sizes to accommodate special requirements. In referring to these cabinets in correspondence or in specifying them, please refer to *"WhiteKraft"* Design HO.



VERTICAL SECTION



ELEVATION OF STEEL CASE



PLAN

Note—The drawing of the architect shown above was originally made to scale, but in reducing it for print, the original scale does not apply. The plan does show the method of installing the cabinet, height from floor and means of fastening in the bucks. It also shows the relation of the cabinet to the delivery room and scrub-up room doors, bringing out its advantages in saving space by utilizing the thickness of the wall partitions. The complete dimensions and construction details are quoted below. This is *"WhiteKraft"* Design HO.

SPECIFICATIONS

Size—Height of cabinet section including moulding, 59 inches; inside height of cabinet, 54 inches; width of section including moulding, 47 inches; inside width of section, 42 inches; depth of section, 12 inches; wall opening, 55 inches high, 43 inches wide, 13 inches deep. Moulding, 2½ inches wide with ⅜-inch radius at outer edge. Door frames, each 21 inches wide, 54 inches high over all. Glass exposed in doors, 17½ inches wide and 50½ inches high. Door frame moulding, 1¾ inches wide.

Construction—Cabinet bodies, 18 gauge cold rolled, stretcher leveled, full finished furniture steel. Cabinet backs, formed and welded. Front trim formed with ⅜-inch radius as outer edge, and reinforced with 1½x¼-inch strips welded on. Joints, torch-welded and ground smooth. Doors, frames double wall construction, inside panel telescoping into outer panel, flange to make doors ¾-inch thick, and inside frame screwed to door frame to hold plate glass panels. Shelves, ¼-inch plate glass, adjustable in height and six in number. Shelves are adjustable by means of a slotted channel device, welded to the four corners of each section and to the center at the back of the section. Corners are supported by four 12 gauge removable supports, one at each corner. At the center of the shelf is a brass, nickel plated bracket hooking into the slotted panel at two points, forming a strong, substantial support.

Equipment—Brass, nickel plated thumb knobs; locks, Yale, flat key, cylinder type, brass, nickel plated with two keys. (In place of thumb knobs, turn knobs of brass, nickel plated with special cam on inside to operate a three-way locking device with bars at top, bottom and center, may be substituted. This is advisable on extra long doors. If this device is substituted, the locking bars are concealed between the door frame panels.) Hinges, concealed type with barrel exposed, brass, nickel plated.

Note—This type of cabinet can be adapted for use in the main operating rooms, receiving room and minor operating rooms.

Design No.—In corresponding regarding this cabinet or in specifying it, please refer to *"WhiteKraft"* Design HO.

STEEL SUPPLY CASES IN NURSES WORK ROOM MATERNITY DEPARTMENT
ST. MARY'S HOSPITAL GRAND RAPIDS MICH. HARRY L. MEAD ARCHITECT GRAND RAPIDS MICH.
FRANK S. BETZ COMPANY HAMMOND INDIANA

"WhiteKraft" Steel Work Room Cabinets

This type of cabinet here shown in the nurses' work room is adaptable to a variety of uses. The sizes may be varied to suit requirements and a fully recessed upper section may be substituted for the semi-recess type shown. Shelves may be adjustable of steel or plate glass or fixed steel shelves may be substituted.

An outstanding feature of this cabinet is the working surface which is of heavy noiseless Battleship linoleum, held in place by an angle moulding of rustless Monel metal. Full Monel metal, bakelite, steel, glass, porcelain or Stedman rubber flooring tops may be substituted for the material used here according to requirements.

In this construction, the architect has not allowed foot space in the foundation for the lower section for the reason that the upper cabinets are accessible from the side.

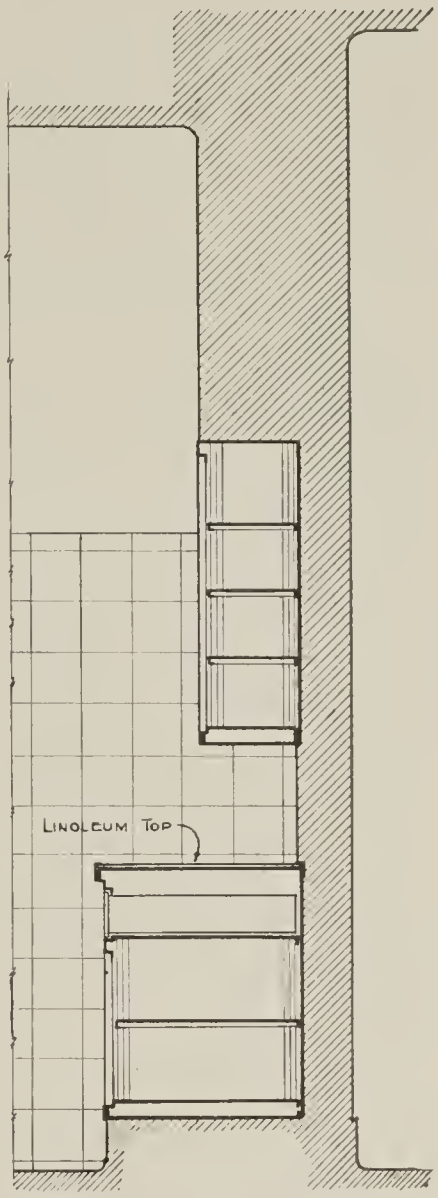
The cabinet doors and drawers are of recessed construction, fitting flush with the fronts. All hardware is of brass, nickel plated.

Design No.—In corresponding regarding this cabinet, or in specifying it, please refer to *"WhiteKraft"* Design HP.

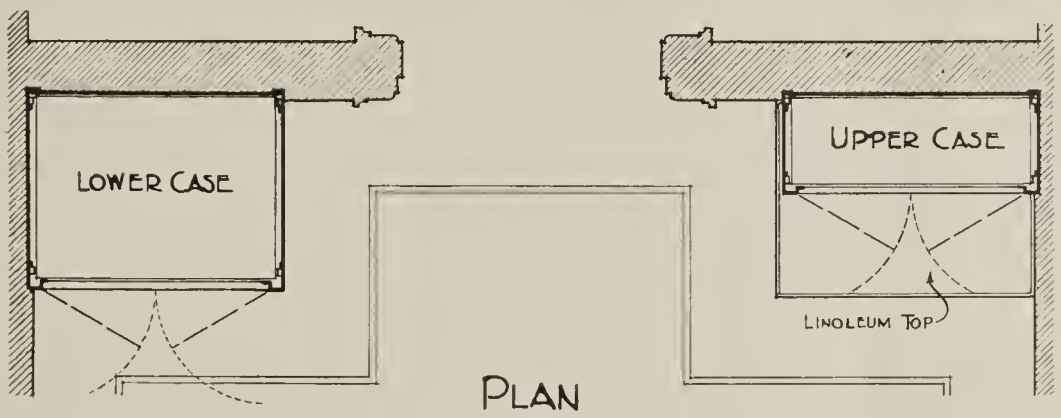
SPECIFICATIONS

Size—Height of upper cabinet section over all, 36 inches; inside height of upper section, 34 inches; depth of upper section, 12 inches; width of each section over all, 30 inches. (If this cabinet is specified to be recessed into wall, write for corrected inside dimensions and size of wall opening.) Height of lower section over all, 30 inches, not including terrazzo base; width of each lower section, over all, 30 inches. Overhang of top at front and exposed end, ¾ inch. Drawer, 6 inches high, 23 inches deep and 27 inches wide. Cupboard section, 20 inches high, 30 inches wide and 23 inches deep.

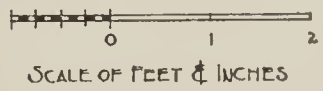
ELEVATION OF SUPPLY CASES



VERTICAL SECTION



PLAN



SPECIFICATIONS—Continued

Construction—Cabinet bodies, 18 gauge cold rolled stretcher leveled, full finished furniture steel. Cabinet backs, formed and welded. Joints, torch-welded and ground smooth. Door frames, upper section, frames double wall construction inside panel telescoping into outer panel, flange to make doors ¾-inch thick, and inside frame screwed to door frame to hold plate glass panels. Adjustable steel shelves, upper section, three in number, 18 gauge sheet furniture steel formed with a 1-inch downturn flange on all sides. Front flange has a return at the bottom for additional reinforcement. Shelves are adjustable with a slotted channel device, spot welded to the four corners of each cabinet, and with 12 gauge steel shelf rests inserted in the slots. Drawer, double wall head, 18 gauge outside. Body, back and inside drawer head, 20 gauge. Drawer suspended on *"WhiteKraft"* channel suspension slides. Lower doors, double wall construction. Inside panel telescoping into outer panel with flange to make doors ¾-inch thick. Stationary steel shelf divides lower cupboard. Made from 18 gauge sheet furniture steel with 1-inch downturn flange on all sides and a return on the front flange for additional reinforcement. Top, ¼-inch Battleship linoleum with a ¾-inch by ½-inch Monel metal moulding to act as cleat for holding linoleum.

Equipment—Brass, nickel plated thumb knobs and Yale flat key locks, cylinder type, brass, nickel plated with two keys on upped doors. Brass, nickel plated drawer handles. Cast turn knob operating three-way locking device with bar at top, bottom and center of lower doors. Bars concealed between door frame panels.

Design No.—In corresponding regarding this cabinet, or in specifying it, please refer to *"WhiteKraft"* design HP.

STEEL STORAGE CABINETS IN TYPICAL GENERAL UTILITY ROOM
ST MARY'S HOSPITAL GRAND RAPIDS MICH. HARRY L. MEAD ARCHITECT GRAND RAPIDS MICH.
FRANK S. BETZ COMPANY HAMMOND INDIANA

"WhiteKraft" Built-in Steel Utensil Cabinets

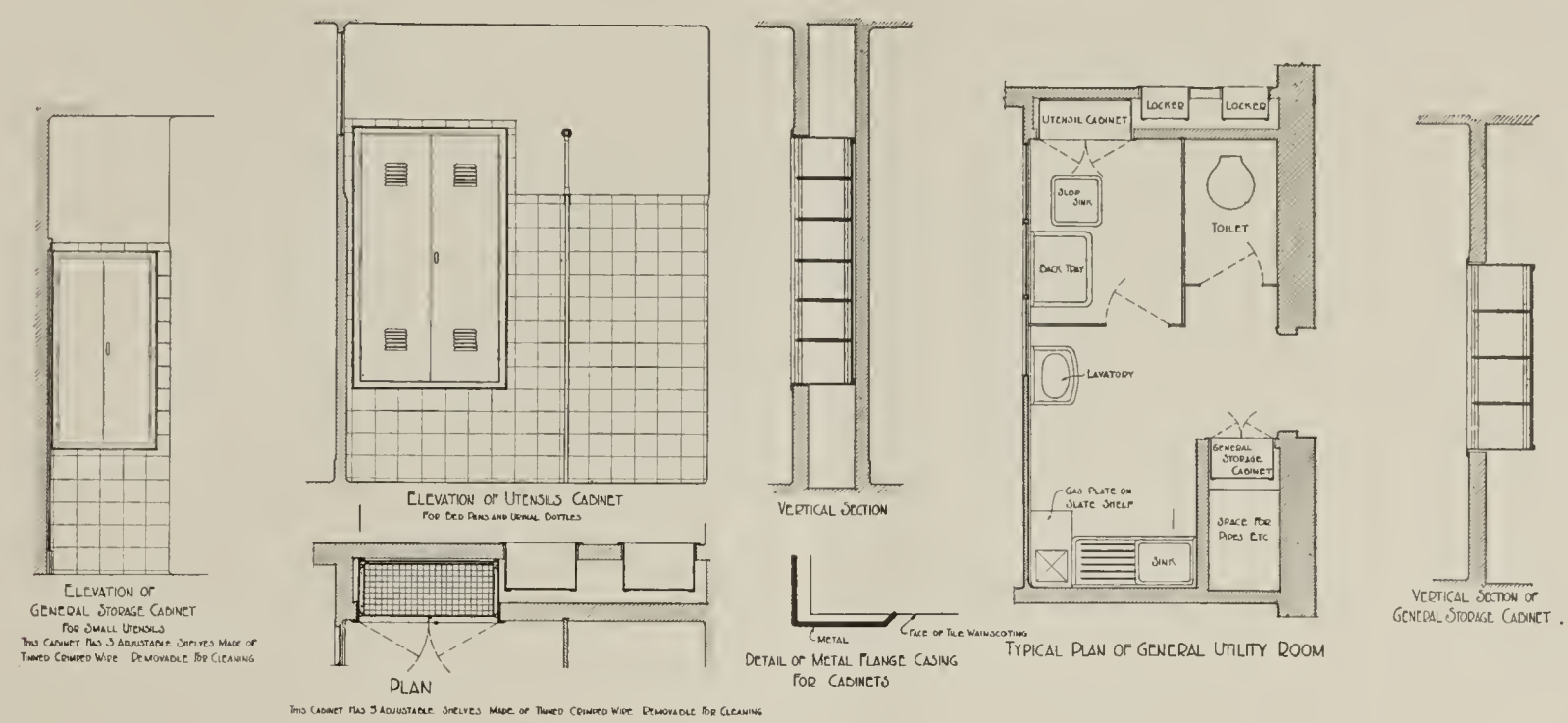
These Built-in *"WhiteKraft"* Cabinets for the storage of utensils are designed specially for that purpose. The doors have louvre ventilations at top and bottom. The sections have five adjustable shelves.

The shelves are of a special type. They are made from heavy meshed wire covered with pure block tin. The wire is crimped and rolled onto ¼-inch steel bars which form a frame. The wire has 1-inch mesh. Doors have heavy brass, nickel plated turn knobs with locking bar, locking at top, bottom and center of right hand door. The left hand door is retained by the right hand door.

This type of cabinet is particularly well adapted to utility rooms, but with steel shelves substituted for the mesh shelves and with the louvre ventilations omitted from the doors may be used to good advantage for general purposes. It is recommended that cabinets of this kind be finished on the back and sides entering the wall either in red lead or in a high heat bond coat. Aluminum bronze lacquer is recommended as being particularly satisfactory for the interior.

Design No.—In writing for blue prints, covering the above installation or in specifying it, please refer to Design No. HT.

COLUMBIA UNIVERSITY



THIS CABINET HAS 3 ADJUSTABLE SHELVES MADE OF TINNED CRIMPED WIRE REMOVABLE FOR CLEANING

Note—The architect's drawing shown above was originally made to scale, but in reducing it for print, the original scale does not apply. Drawing shows elevation of utensil cabinet, vertical section and lay-out for utility room. In the architect's drawing, both utensil cabinet and general storage cabinet are shown. Detail prints of both cabinets showing full dimensions will be sent on request by our engineering department.

SPECIFICATIONS, UTENSIL CABINETS

Size—Height over all including moulding, 68 inches; inside height, 64 inches; width over all including moulding, 40 inches; inside width, 36 inches; depth, 16 inches; louvre opening, ¾ inch. Buck opening required, 65 inches high, 37 inches wide, 17 inches deep.

Construction—Cabinet bodies, 18 gauge cold rolled stretcher leveled full finish furniture steel; backs and sides, formed and welded with joints ground smooth. Doors, double wall construction, inside panel telescoping into outer panel and flanged to make doors ¾-inch thick. Shelves, five in number made from 12 gauge, 1-inch mesh tinned iron wire, rolled and crimped over ¼-inch welded steel bar frame. Shelves are adjustable by means of a slotted channel device, welded to the four corners of cabinet.

Equipment—Brass, nickel plated turn knobs with three-way locking device with locking bars at center, top and bottom of right hand door.

Design No.—In writing for blue prints covering the above installation or in specifying it, please refer to Design No. HT.

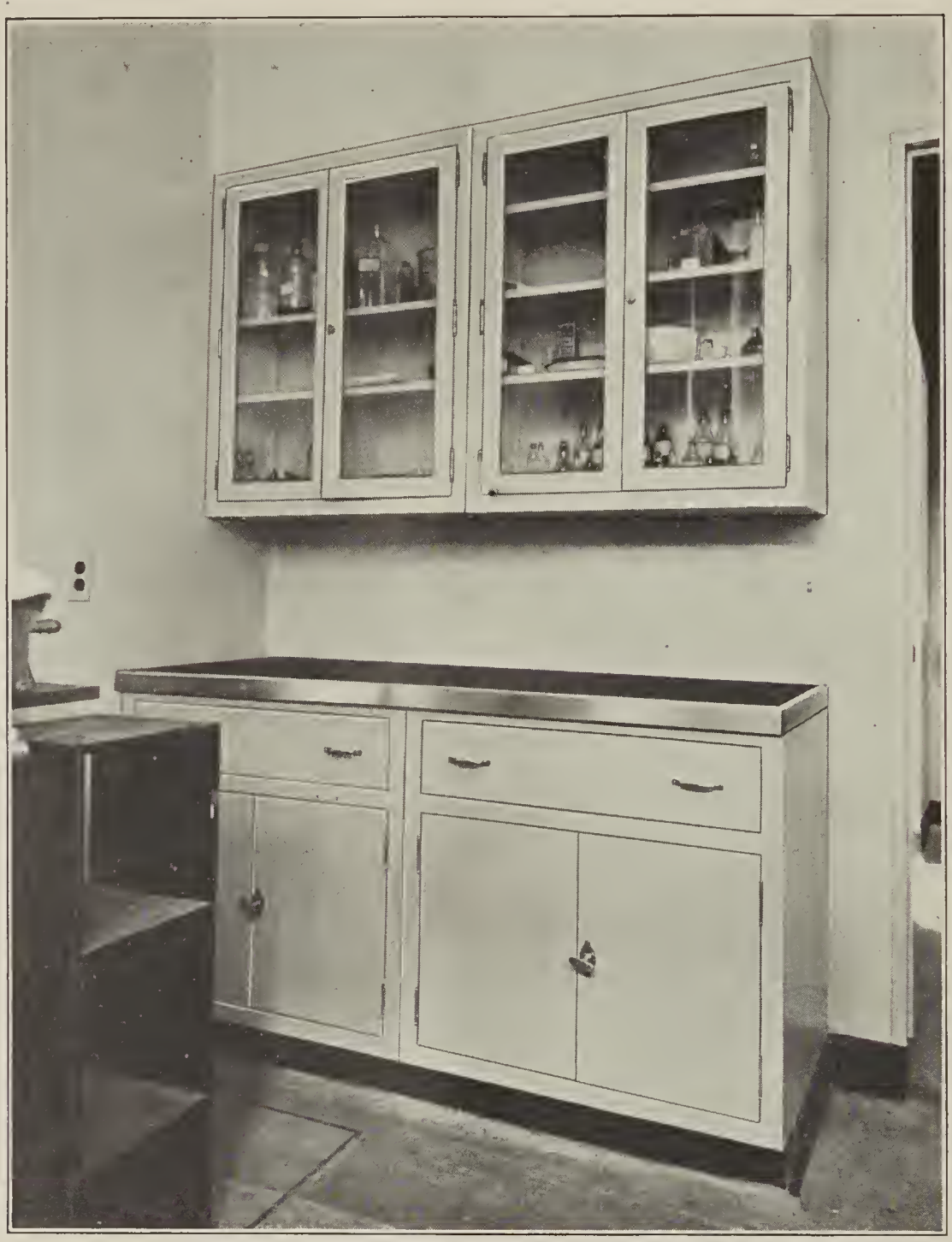
SPECIFICATIONS, GENERAL STORAGE CABINET

Size—Height over all including moulding, 51½ inches; inside height, 48 inches; width over all including moulding, 26¾ inches; inside width, 24 inches; depth, 16 inches; buck opening required, 64¾ inches high, 17 inches deep, 25 inches wide.

Construction—Cabinet bodies, 18 gauge cold rolled stretcher leveled full finish furniture steel; backs and sides, formed and welded with joints ground smooth. Doors, double wall construction, inside panel telescoping into outer panel and flanged to make doors ¾-inch thick. Shelves, three in number made from 12 gauge, 1-inch mesh tinned iron wire, rolled and crimped over ¼-inch welded steel bar frame. Shelves are adjustable by means of a slotted channel device, welded to the four corners of cabinet.

Equipment—Brass, nickel plated turn knobs with three-way locking device.

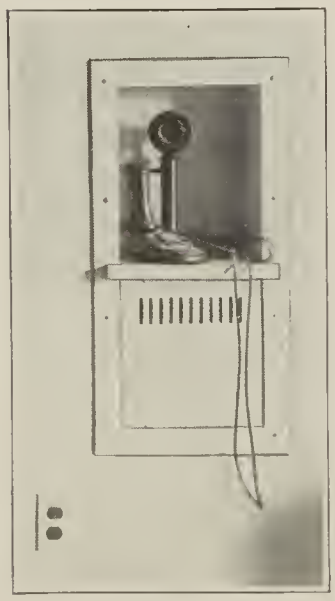
Design No.—In writing for blue prints, covering the above installation or in specifying it, please refer to Design No. HU.



"WhiteKraft" Steel Laboratory Cases

This semi-recessed installation is ideally arranged for laboratory use. Considerable shelf space is offered with the adjustable steel shelves in the upper sections, the drawers and the lower cupboards each with a fixed steel shelf. There are two interesting features worked out by the architect. First, the foot room obtained by hanging the lower sections over the terrazza base. The second is the use of heavy Battleship linoleum as a working surface. The linoleum is held in place by a Monel metal angle moulding fastened over the edge. This type of cabinet is adaptable for use in many parts of the hospital.

Design No.—In referring to this type of cabinet, specify *"WhiteKraft"* Design HP.



"WhiteKraft" Telephone Cabinets

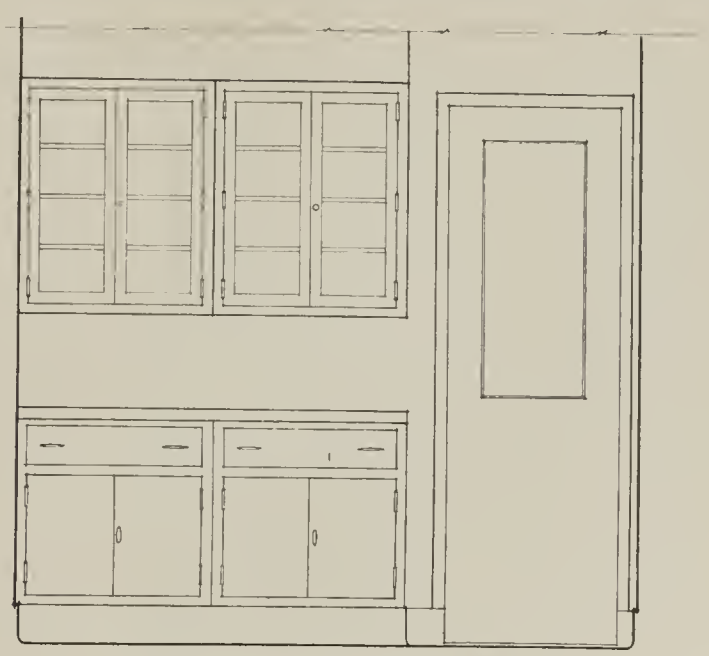
A neat and convenient fixture for holding the telephone and concealing the box. There is a shelf at the center of the fixture which allows the telephone to be pushed back into the wall. The lower half of the fixture is covered with a plate which conceals the box. This plate is vented, so the bell or buzzer can be heard.

SPECIFICATIONS

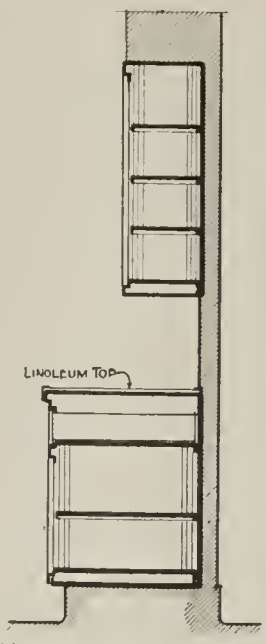
Size—Height over all including moulding, 30 1/8 inches; width over all including moulding, 14 5/8 inches; depth, including overhang of telephone shelf, 5 11/16 inches; inside width, 10 5/8 inches; inside height of instrument section, 13 5/8 inches; inside height of box section, 11 1/2 inches.

Construction—Body, 18 gauge, cold rolled stretcher leveled full finished furniture steel; joints, welded and ground smooth.

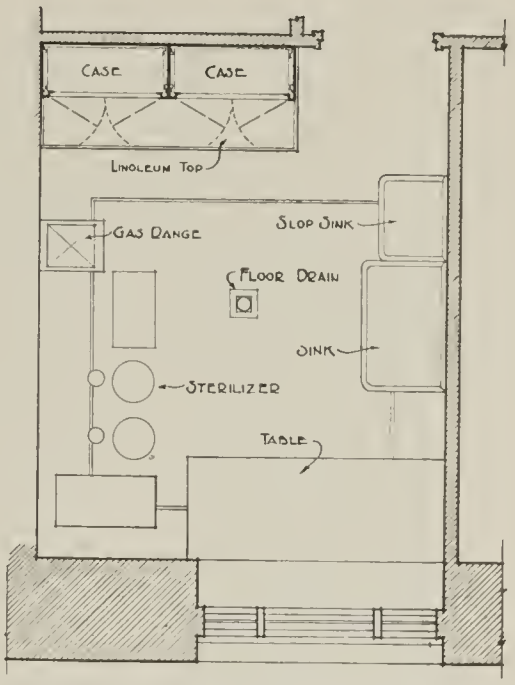
Design No.—In referring to Telephone Cabinets, specify *"WhiteKraft"* Design HQ.



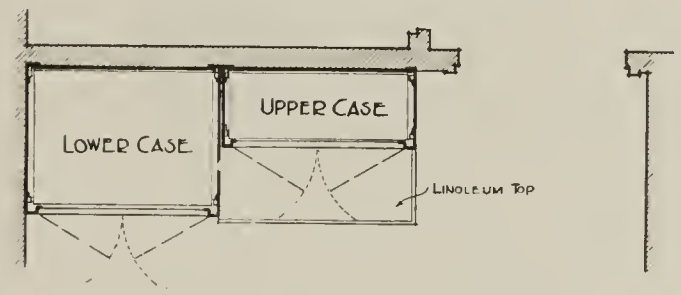
ELEVATION OF STEEL CASES



VERTICAL SECTION



PLAN OF OUT PATIENT DEPARTMENT LABORATORY



Note—The drawing of the architect shown above was originally made to scale, but in reducing it for print, the original scale does not apply. The plan does show the method of installing the cabinet, height from floor and means of fastening in the bucks. Illustration shows the relation of the cabinet to the door and saving of space by utilizing the side wall. The drawing also brings out in the vertical section an important feature worked out by the architect in leaving foot space in the terrazzo base. The complete dimensions and construction details are quoted below. This is *"WhiteKraft"* Design HP.

SPECIFICATIONS

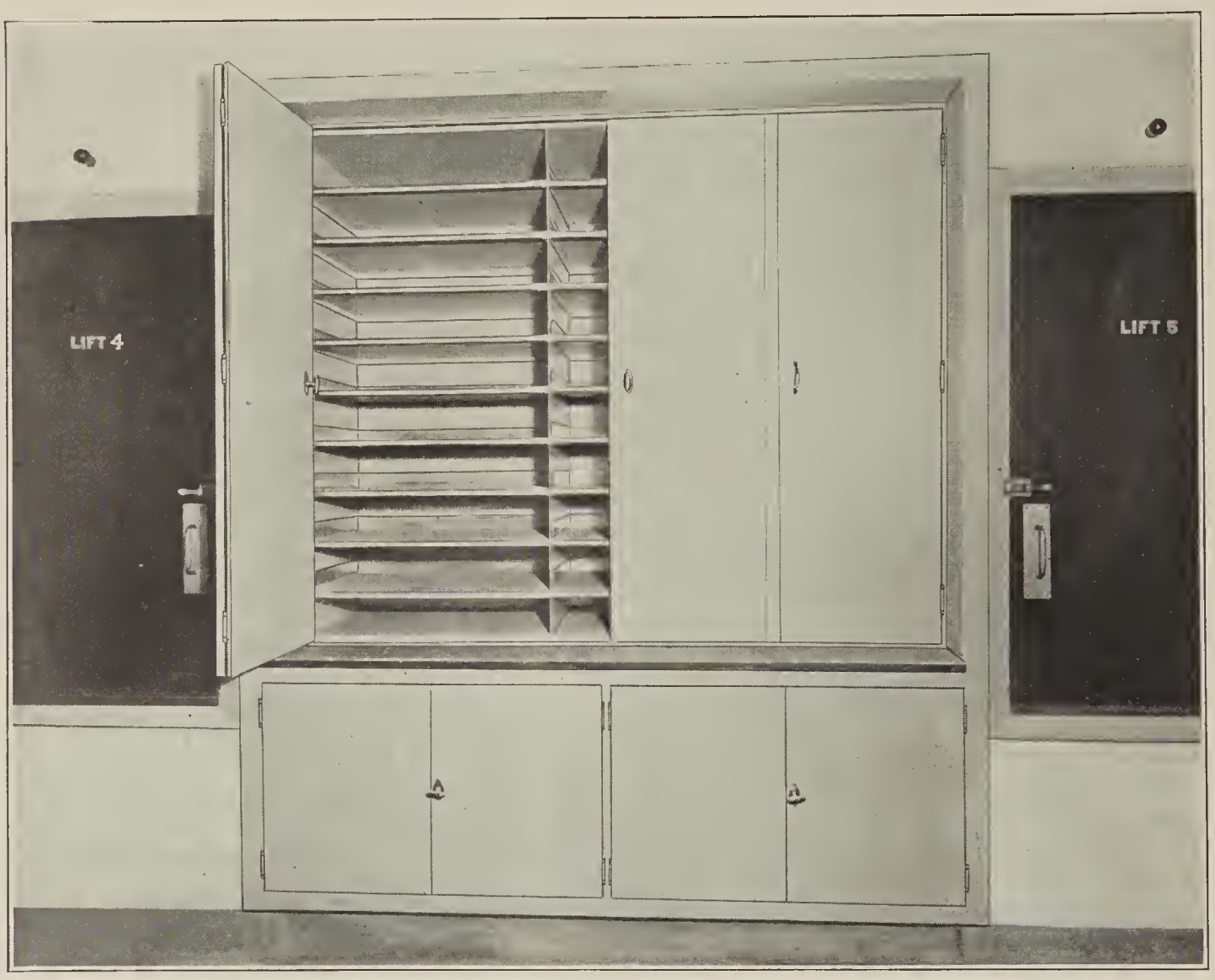
Size—Height of upper cabinet section over all, 36 inches; inside height of upper section, 34 inches; depth of upper section, 12 inches; width of each section over all, 30 inches. (If this cabinet is specified to be recessed into wall, write for corrected inside dimensions and size of wall opening.) Height of lower section over all, 30 inches not including terrazzo base; width of each lower section over all, 30 inches. Overhang of top at front and exposed end, ¾ inch. Drawer, 6 inches high, 23 inches deep and 27 inches wide. Cupboard section, 20 inches high, 30 inches wide and 23 inches deep.

Construction—Cabinet bodies, 18 gauge cold rolled, stretcher leveled, full finished furniture steel. Cabinet backs, formed and welded. Joints, torch-welded and ground smooth. Door frames, upper section, frames double wall construction inside panel telescoping into outer panel, flanged to make doors ¾-inch thick, and inside frame screwed to door frame to hold plate glass panels. Adjustable steel shelves, upper section, three in number, 18 gauge sheet furniture steel formed with a 1-inch downturn flange on all sides. Front flange has a return at the bottom for additional reinforcement. Shelves are adjustable with a slotted channel device, spot welded to the four corners of each cabinet, and with 12 gauge steel shelf rests inserted in the slots. Drawer, double wall head, 18 gauge outside. Body, back and inside drawer head, 20 gauge. Drawer suspended on *"WhiteKraft"* channel suspension slides. Lower doors, double wall construction. Inside panel telescoping into outer panel with flange to make doors ¾-inch thick. Stationary steel shelf divides lower cupboard. Made from 18 gauge sheet furniture steel with 1-inch downturn flange on all sides and a return flange for additional reinforcement. Top, ¼-inch Battleship linoleum with a ¾-inch by ½-inch Monel metal moulding to act as cleat for holding linoleum.

Equipment—Brass, nickel plated thumb knobs and Yale flat key locks, cylinder type, brass, nickel plated, with two keys on upper doors. Brass, nickel plated drawer handles. Cast turn knob operating three-way locking device with bar at top, bottom and center of lower doors. Bars concealed between door frame panels.

Note—This type of cabinet can be adapted for use in work rooms, diet kitchens and main kitchens.

Design No.—In corresponding regarding this cabinet or in specifying it, please refer to *"WhiteKraft"* Design HP.



STEEL TRAY CASES IN CENTRAL SERVING STATION
ST MARY'S HOSPITAL GRAND RAPIDS MICH. HARRY L. MEAD ARCHITECT GRAND RAPIDS MICH.
FRANK S. BETZ COMPANY HAMMOND INDIANA

"WhiteKraft" Built-in Steel Tray Cases

These cases were installed in the reconstruction of the original unit of St. Mary's Hospital, Grand Rapids, Mich. In reconstructing this unit, the cost was very moderate as the architect made use of a large amount of steel equipment, practically all of which was of standard design.

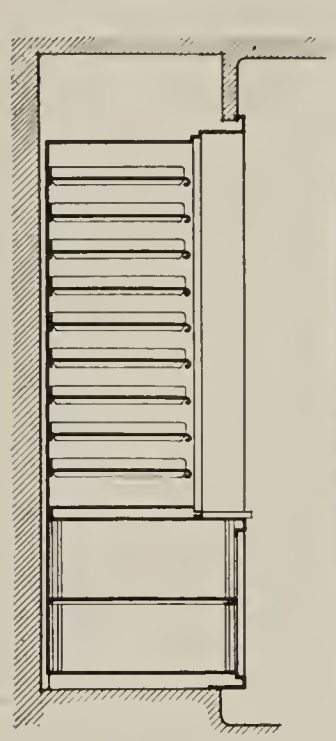
There is a distinct advantage in specifying standard cabinets of this design particularly in the cost of having them manufactured. Dies, jigs, and tools for punching out openings are all made up and no cost for special tools would be included in manufacturing these designs. In addition having these tools available, shortens the time necessary for fabricating the cabinets and allows for quick deliveries, eliminating last minute delays in completing construction.

The outstanding features of these *"WhiteKraft"* Built-in Steel Tray Cases are the Monel metal covered steel shelves with upturned flange at back and sides, also the arrangement of the architect for foot space where the cabinet overhangs the terrazza base. Another feature which recommends these cabinets particularly is the folding door arrangement, giving complete and unobstructed access to the interior.

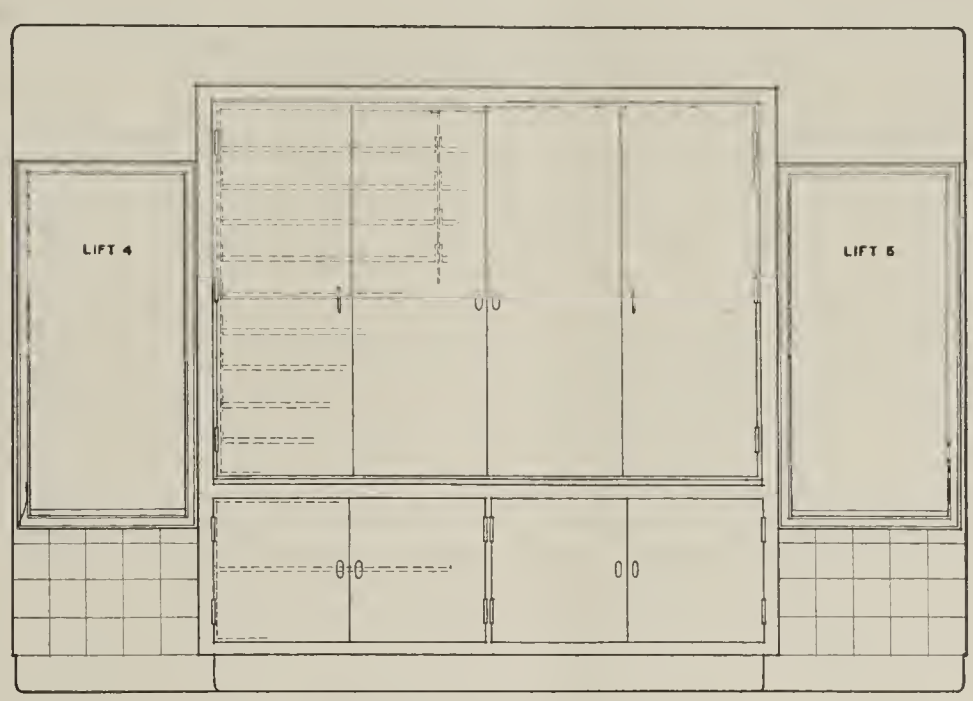
Design No.—In corresponding regarding this *"WhiteKraft"* Steel Tray Case unit, or in specifying it, please refer to *"WhiteKraft"* Design HR.

SPECIFICATIONS

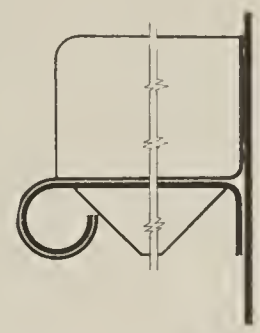
Size—Height over all including moulding, 92½ inches; inside height, upper cabinet, 57¾ inches; inside height, lower cabinet, 25½ inches; width of unit over all, 82⅝ inches; inside width of unit, 77⅝ inches; depth of upper section, 22¼ inches; depth of lower section, 30⅝ inches; distance between upper shelves, 5¾ inches; Monel metal side and back flange for upper shelves, 2 inches.



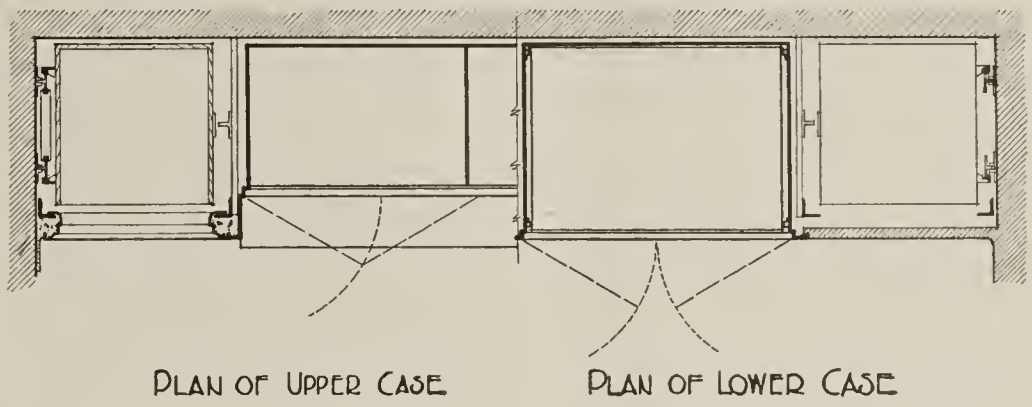
VERTICAL SECTION



ELEVATION OF TRAY CASES



DETAIL OF SHELF



PLAN OF UPPER CASE PLAN OF LOWER CASE

Note—The architect's drawing shown above was originally made to scale, but in reducing it for print, the original scale does not apply. This drawing shows the arrangement of the tray cases with reference to the lifts from the kitchens, also the clever manner in which the upper doors have been hinged at the centers to save space and permit access to the entire interior. The method of recessing the tray shelves to allow for a working space is shown both in the illustration and the vertical section in the drawing. Drawing of vertical section also shows architect's method for allowing foot space in the terrazza base, bringing the shelf section within reach.

SPECIFICATIONS—Continued

Construction—Cabinet bodies, 18 gauge cold rolled stretcher leveled, full finished furniture steel. Cabinet backs, formed and welded. Joints, torch-welded and ground smooth. Doors, upper and lower sections, double wall construction, inside panel telescoping into outer panel flanged to make doors ¾-inch thick. Shelves, upper section, 18 in number, made from 18 gauge sheet furniture steel, formed and welded to partition, back and sides, covered with 26 gauge Monel metal with a 2-inch flange at sides and back and a roll front edge as shown under detail of shelf. Projecting working space covered in 22 gauge Monel metal over 18 gauge sheet furniture steel. Lower shelf, 18 gauge sheet furniture steel, adjustable by means of a slotted channel device welded to the four corners of each section. Shelf has a 1-inch downturn flange on all sides with a return on the front flange for additional reinforcement.

Equipment—Brass, nickel plated turn knobs with three-way locking device with locking bars at center, top and bottom. Brass, nickel plated hinges with pull handles where upper doors hinge.

Design No.—In corresponding regarding this *"WhiteKraft"* steel tray case unit, or in specifying it, please refer to *"WhiteKraft"* Design HR.

STEEL TRAY CASES IN UPPER CORRIDORS
ST MARY'S HOSPITAL GRAND RAPIDS MICH. HARRY L. MEAD ARCHITECT GRAND RAPIDS MICH.
FRANK S BETZ COMPANY HAMMOND INDIANA

"WhiteKraft" Built-in Steel Tray Cases

These Open Tray Cases are built into the wall and have no door. The shelves are covered with Monel metal, flanged upward for 2 inches at sides and back of case. The front edge is made with Monel metal, rolled over steel. Case is equipped with 10 shelves and placed in the wall next to the lift from the kitchen.

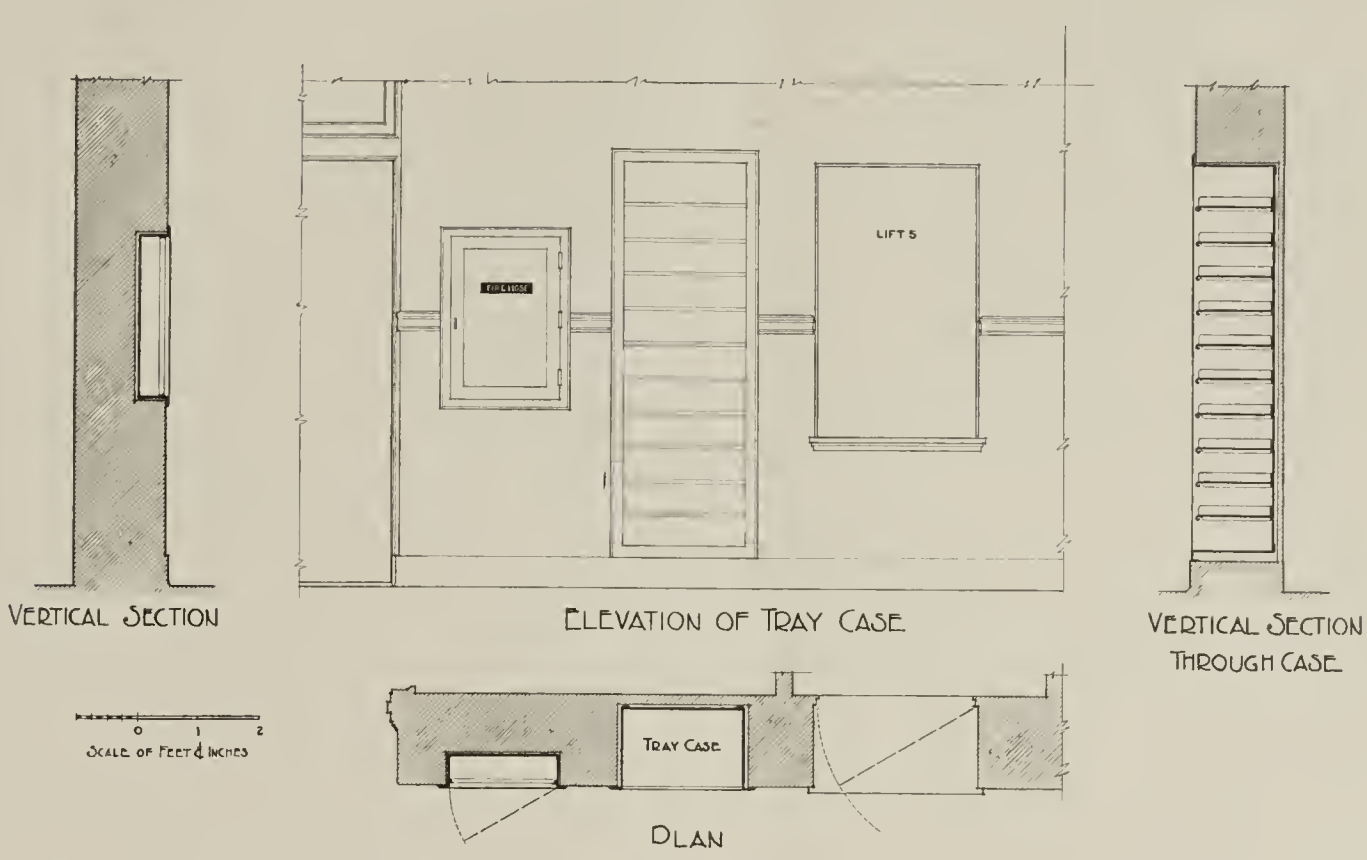
Design No.—In referring to this *"WhiteKraft"* case specify Design HS.

"WhiteKraft" Built-in Steel Fire-Hose Cabinets

This cabinet is arranged for quick access and is made either with lock, with the glass to be broken in emergency, or with brass nickel plated turn knob.

"WhiteKraft" Fire Hose Cabinets are made in standard size or according to specification. Prices covering any desired size will be quoted on application and prints showing details will be submitted on request by our engineering department.

Design No.—In writing regarding this cabinet or specifying it, please refer to *"WhiteKraft"* Design HH.



Note—Architect's drawing shown above indicates relative position of tray case and kitchen lift, also shows method of placing Fire Hose Cabinet and Tray Case in the walls.

TRAY CASE SPECIFICATIONS

Size—Height over all including moulding, $84\frac{7}{16}$ inches; inside height of cabinet, 78 inches; depth of cabinet, $16\frac{1}{8}$ inches; width of cabinet including moulding, 33 inches; inside width, $24\frac{1}{8}$ inches. Distance between shelves, $8\frac{1}{2}$ inches. Monel metal flanges at sides and back of shelves, 2 inches. Down flange on shelves, $\frac{3}{4}$ inch. Return front flange, $\frac{3}{4}$ inch.

Construction—Cabinet bodies, 18 gauge cold rolled stretcher leveled full finished furniture steel. Joints, torch-welded and ground smooth. Shelves, 10 in number, made from 18 gauge sheet furniture steel, formed and welded to back and sides, covered with 26 gauge Monel metal with a 2-inch flange at sides and back and a rolled front edge.

Design No.—In referring to this *"WhiteKraft"* case, specify Design HS.

FIRE HOSE CABINET SPECIFICATIONS

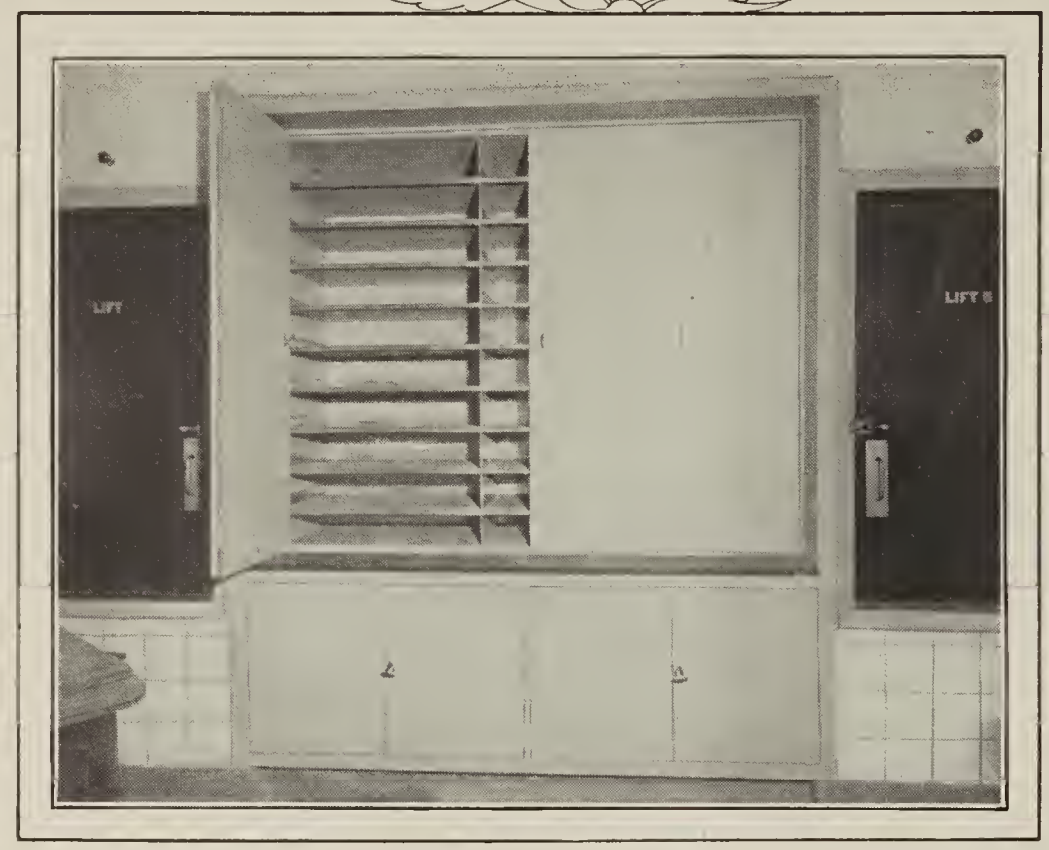
Size—Outside width over all including flanges, 29 inches; inside width, $24\frac{1}{2}$ inches; height over all including flanges, $44\frac{1}{2}$ inches; inside height, 40 inches; depth, $8\frac{1}{2}$ inches. Openings for water risers will be cut in position, and of the size required.

Construction—Cabinet bodies, 18 gauge cold rolled stretcher leveled, pickled, full finished furniture steel. Cabinet backs, formed with square corners. Front trim formed with $\frac{3}{8}$-inch radius as outer edge, and reinforced with $1\frac{1}{2}$x$\frac{1}{4}$-inch strips welded on. Joints, torch-welded and ground smooth. Doors, frames double wall construction, inside panel telescoping into outer panel, flanged to make doors $\frac{3}{4}$-inch thick, and inside frame screwed to door frame to hold plate glass panels.

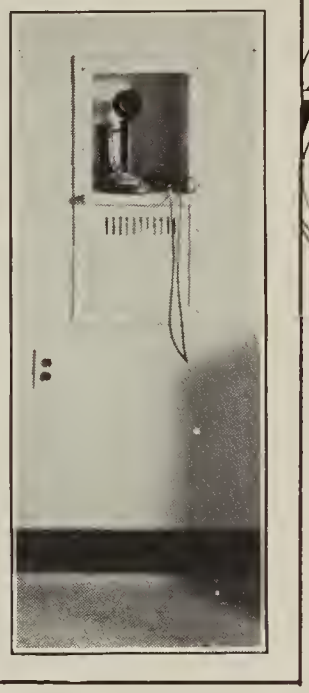
Equipment—Locks (if used), Yale flat key, cylinder type, brass nickel plated. Turn knobs (if used), cast brass nickel plated. Hinges, concealed type with barrel exposed, brass, nickel plated.

Design No.—In writing regarding this cabinet, or specifying it, please refer to *"WhiteKraft"* Design HH.

"WhiteKraft" Built-In Cabinets



BUILT-IN TRAY CASES
These Tray Cases are of *"WhiteKraft"* construction with Monel metal covered shelves and a Monel metal covered working space. The doors fold.



TELEPHONE CABINET
"WhiteKraft" Built-in Telephone Cabinet, with box concealed.

UTENSIL CABINETS
"WhiteKraft" Built-in Utensil Cabinets, with vented doors and steel mesh shelves.

St. Mary's Hospital

GRAND RAPIDS, MICHIGAN

The Steel Cases shown on this page are of *"WhiteKraft"* construction and were installed in the reconstruction of the original unit of St. Mary's Hospital, Grand Rapids, Michigan. Built according to the specifications and under direction of Mr. Harry L. Mead, architect, Grand Rapids, Michigan.

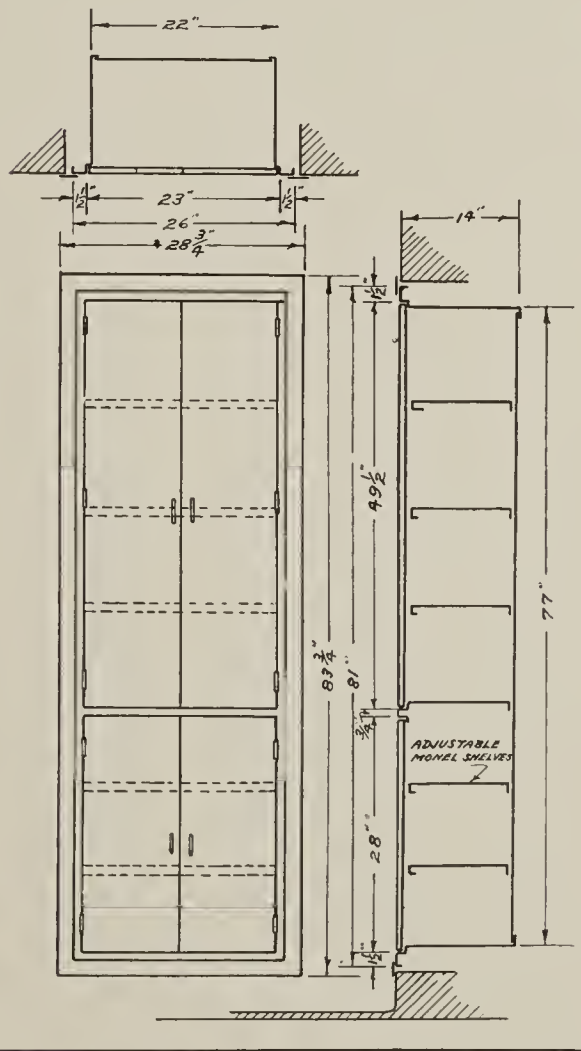
DELIVERY ROOM CASE
"WhiteKraft" Built-in Delivery Room Cabinet, plate glass doors and shelves. Shelves supported at center.

"WhiteKraft" Anaesthetizing Room Closet

Special anaesthetizing closets built in the *"WhiteKraft"* Shops and installed in the North Country Community Hospital, Glen Cove, Long Island. Built from the plans and specifications of Peabody, Wilson and Brown, Architects, New York City.

These cabinets are divided into two compartments, the upper compartment occupying nearly two-thirds of the installation. Upper compartment has three adjustable steel shelves and lower compartment two adjustable Monel metal shelves for storing ether, etc. Each compartment has double doors with three-way locks. Installation has a 2x1/8 inch cold rolled flat steel moulding, running on all four sides and screwing to the wall.

Upper doors are each hung from three semi-concealed polished white metal hinges. Each lower door is hung from two hinges of the same material.



SPECIFICATIONS

Size—Height over all including moulding, 83¾ inches; width over all including moulding, 28¾ inches; inside width, 22 inches; depth, 14 inches; inside height of upper compartment, 49½ inches; inside height of lower compartment, 28 inches.

Construction—Outside moulding, 2x1/8-inch cold rolled steel, welded to body flange. Cabinet bodies, 18 gauge sheet furniture steel, pressed, formed, welded and reinforced. Doors, 18 gauge double wall, flush construction, inside panel telescoping into outer panel with ¾-inch flange on all sides. Door panels are torch-welded together leaving dead air space between. Steel shelves, 18 gauge sheet furniture steel with a 1-inch down turn flange on all sides. Front flange has a return at the bottom for additional reinforcement. Shelves, adjustable. Adjustable Monel metal shelves, 22 gauge Monel metal, over 18 gauge sheet furniture steel.

Equipment—Three semi-concealed white polished hinges on each upper door; two on each lower door; one stationary pull handle and one turn handle of polished white metal, operating three-way lock.

Finish—These cabinets are regularly finished in *"WhiteKraft"* enamel. Colored enamel, or white or colored lacquers, or wood grained finishes can be supplied.

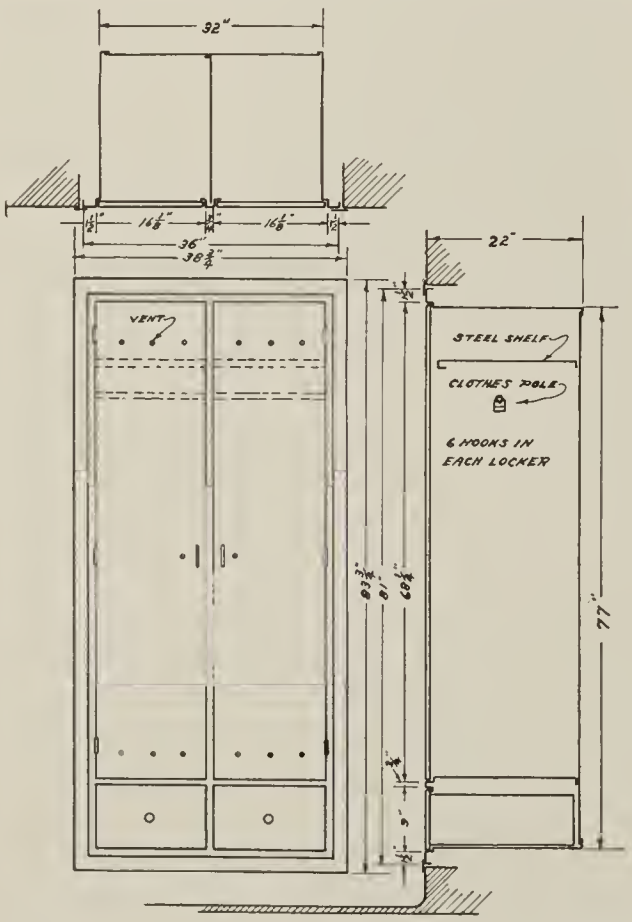
Note—Blue prints covering anaesthetizing room closets will be mailed on request. Please specify Design No. 6H3328.

"WhiteKraft" Built-In Steel Wardrobes

Plans and specifications for these wardrobes were drawn and written by Peabody, Wilson and Brown, Architects, New York City. The wardrobe installations were fabricated in the *"WhiteKraft"* Shops and installed by the Frank S. Betz Company in the North Country Community Hospital.

These wardrobe installations are very complete in that they are equipped with hanger rod, six hooks in each compartment, hat shelf and a drawer below. Each door is equipped with a three-way locking device, locking at center, top and bottom, and controlled by a flat key lock. There are three semi-concealed hinges to each door and the drawer is suspended in steel channels. Doors are ventilated at top and bottom.

In this construction, both doors and drawer heads are double walled and recessed flush with the front of the cabinet. The rabbet is formed by sides, top and bottom and the mullion between the doors.



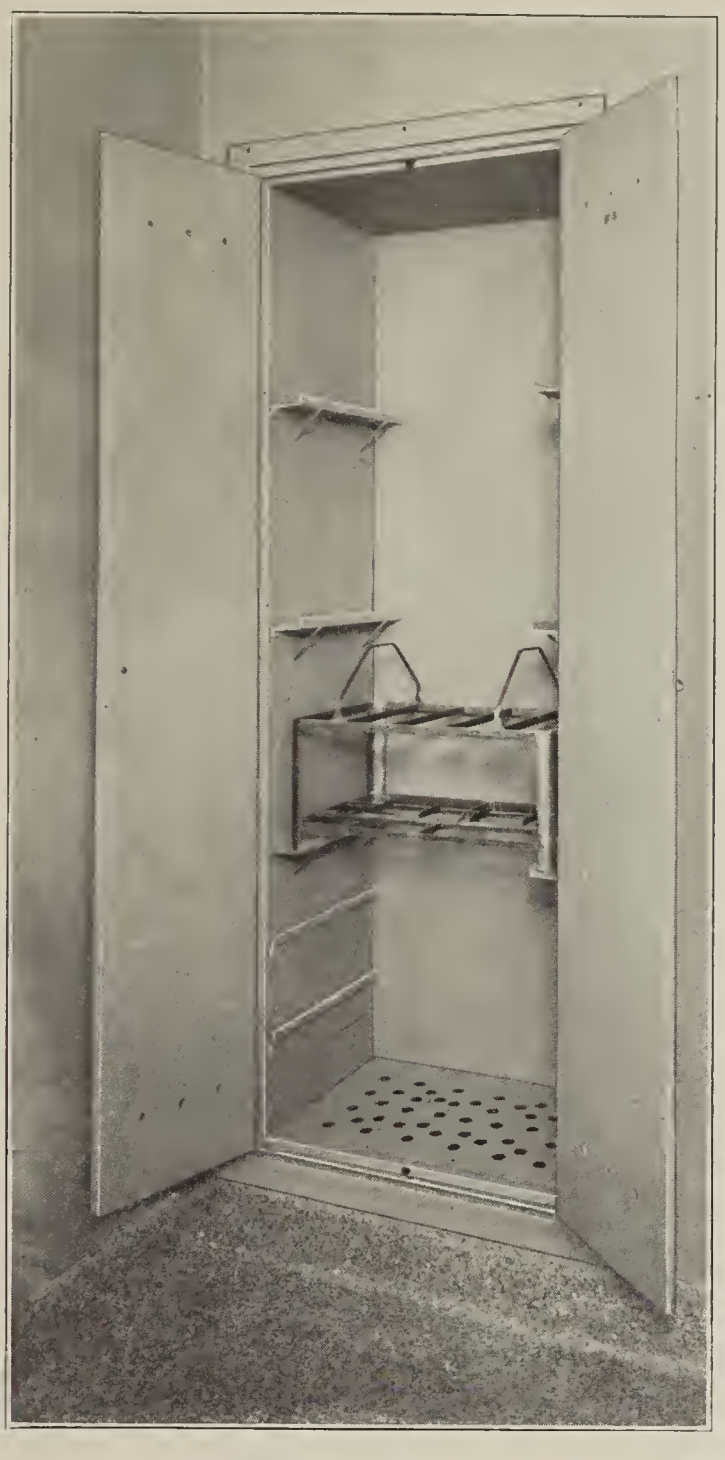
SPECIFICATIONS

Size—Height of installation including moulding, 83¾ inches; width, including moulding, 38¾ inches; depth, 22 inches; width of each opening, 16⅛ inches.

Construction—Outside moulding, 2x⅛-inch cold rolled steel welded to body flange. Cabinet bodies, 18 gauge sheet furniture steel, pressed, formed, welded and reinforced. Doors, 18 gauge double wall flush construction, inside panel telescoping into outer panel with ¾-inch flange on all sides. Door panels are torch-welded together leaving dead air space between. Box stiffener between the panel, below and above ventilators for additional reinforcement. Ventilators are formed by steel tubing, shouldered down inside and outside similarly to a hollow rivet, giving added strength. Stationary steel shelf, 18 gauge furniture steel, formed with a 1-inch down turn flange on all sides. The front flange has a return at the bottom for additional reinforcement. Drawers, hung on steel channels, one channel welded to drawer and one to side of cabinet. Double drawer fronts, 18 gauge sheet furniture steel.

Equipment—Three semi-concealed white metal hinges for each door; white metal polished turn handles, operating three-way lock; Yale flat key lock; white metal nosing; brass, nickel-plated hanger rod; six clothes hooks to each opening; white metal drawer pulls.

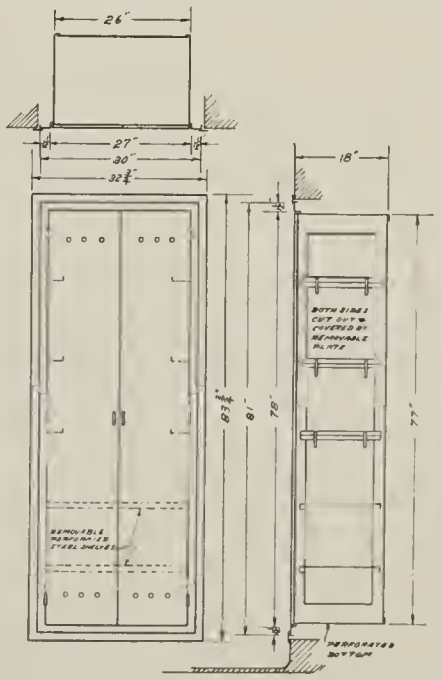
Note—Blue prints showing details of this installation will be furnished on request. Please specify Design No. 6H3329.



"WhiteKraft" Bed Pan Cabinet Installations

These installations were fabricated in the *"WhiteKraft"* Shops for the North Country Community Hospital, Glen Cove, Long Island, according to the specifications of Peabody, Wilson and Brown, Architects, New York City.

This is something new in the way of bed pan equipment. There are three wide brackets on each side of the upper part of the cabinet to hold utensil sterilizer racks with the bed pans just as they come from the sterilizers. Below these brackets are two removable perforated steel shelves and the bottom of the cabinet is also perforated. Both doors are ventilated at top and bottom by means of steel tubing, passing through both panels and shouldered down inside and out. Doors are made flush with the front of the cabinet.



SPECIFICATIONS

Size—Height including moulding, 88¾ inches; inside height, 77 inches; width, including moulding, 32¾ inches; inside width, 26 inches; depth, 18 inches.

Construction—Outside moulding, 2x⅛-inch cold rolled steel welded to body flange. Cabinet bodies, 18 gauge sheet furniture steel, pressed, formed, welded and reinforced. Doors, 18 gauge double wall flush construction, inside panel telescoping into outer panel with ¾-inch flange on all sides. Door panels are torch-welded together leaving dead air space between. Box stiffener between the panel below and above ventilators for additional reinforcement. Ventilators are formed by steel tubing, shouldered down inside and outside similarly to a hollow rivet, giving added strength. Steel shelves, 18 gauge sheet furniture steel, perforated and removable, hung in brackets extending full depth of cabinet on each side.

Equipment—Three semi-concealed white metal hinges on each door; one stationary pull handle and one turn handle of polished white metal, operating three-way lock.

Note—Blue prints covering this installation will be furnished by our Engineering Department on request. Please specify Design No. 6H3326.

"WhiteKraft" Built-In Wardrobes

These installations designed by Peabody, Wilson and Brown, Architects, New York City, were fabricated by the *"WhiteKraft"* Shops and installed in the North County Community Hospital, Glen Cove, Long Island.

This installation includes eight wardrobes, each partitioned off separately with a steel partition, running from the mullion between the doors and welded to the back of the cabinet body. Each opening is equipped with a brass, nickel plated clothes pull for hangers and six clothes hooks. Each opening is also equipped with a heavy gauge steel hat shelf. Below the wardrobe, is a roomy drawer hung on steel channel suspensions, one channel welded to side of cabinet and the other to the side of the drawer.

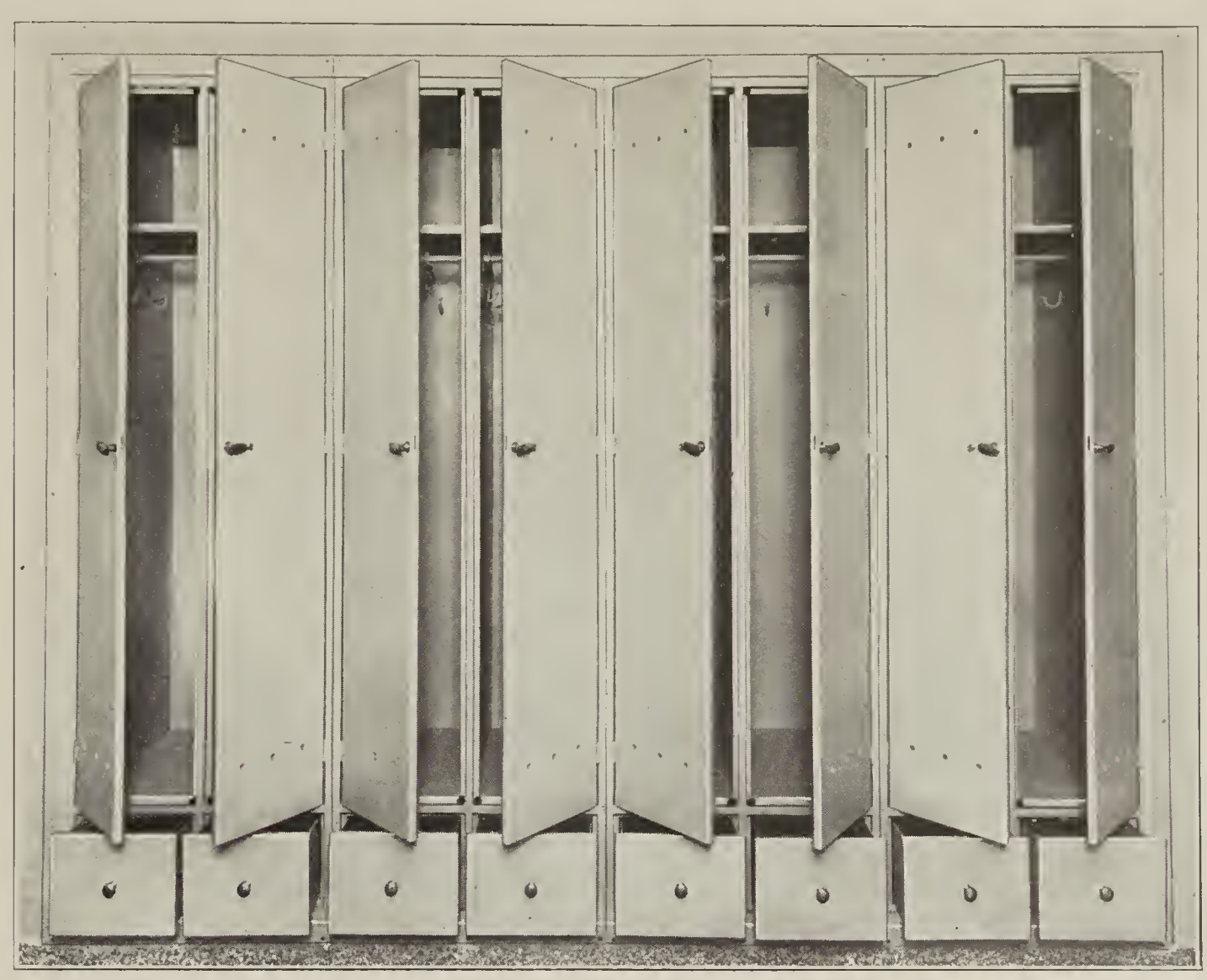
Doors and drawer heads are of double wall construction, recessed and fitting flush with the front of cabinet. Each door is ventilated at top and bottom and is equipped with a white metal polished turn handle, operating a three-way lock, locking at center, top and bottom. Each door is also equipped with a Yale flat key lock with polished white metal nosing, as well as a name card slot. Doors are hung on three semi-concealed white metal polished hinges. Doors are equipped with polished white metal pulls.

SPECIFICATIONS

Size—Height of installation, including moulding, 83¾ inches; width of entire installation, including moulding, 106¾ inches; depth, 22 inches; width of each opening, 11½ inches; width of each section, 23¾ inches; height of drawer, 9 inches. Height of wardrobe section, 68¼ inches.

Construction—Outside moulding, 2x⅛-inch cold rolled steel welded to body flange. Cabinet bodies, 18 gauge sheet furniture steel, pressed, formed, welded and reinforced. Doors, 18 gauge double wall, flush construction, inside panel telescoping into outer panel with ¾-inch flange on all sides. Door panels are torch-welded together leaving dead air space between. Box stiffener between the panel below and above ventilators for additional reinforcement. Ventilators are formed by steel tubing, shouldered down inside and outside similarly to a hollow rivet, giving added strength. Stationary steel shelf, 18 gauge furniture steel, formed with a 1-inch down turn flange on all sides. The front flange has a return at the bottom for additional reinforcement. Drawers, hung on steel channels, one channel welded to drawer and one to side of cabinet. Double drawer fronts, 18 gauge sheet furniture steel.

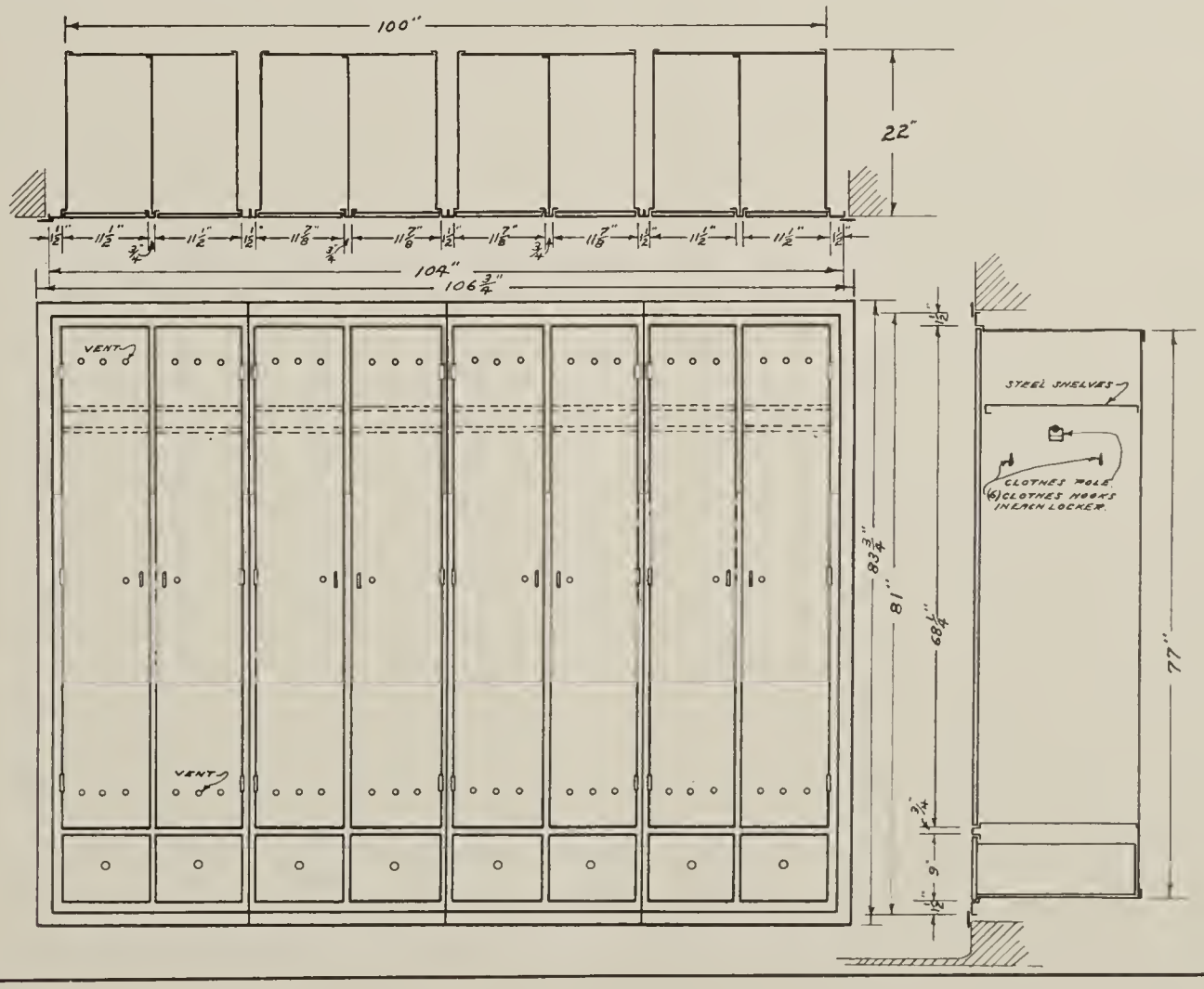
Equipment—Three Semi-concealed white metal hinges for each door; white metal polished turn handles, operating three-way lock; Yale flat key lock; white metal nosing; brass, nickel plated hanger rod; six clothes hooks to each opening; white metal drawer pulls.



SPECIFICATIONS—Continued

Finish—These lockers are regularly finished in *"White Kraft"* enamel. Colored enamel, or white or colored lacquers, or wood grained finishes can be supplied.

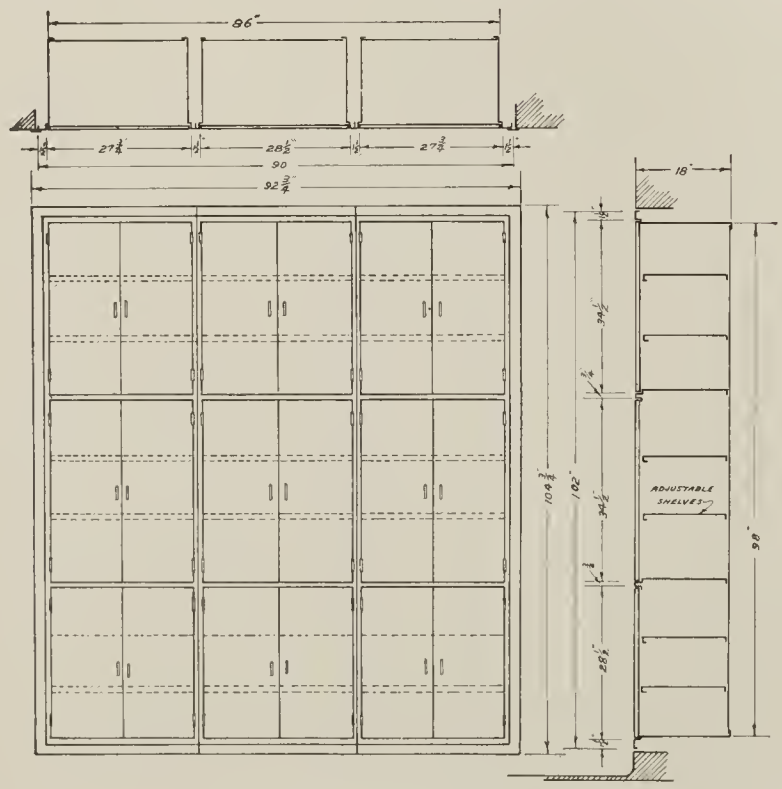
Note—Blue prints showing details of this installation will be furnished by our Engineering Department on request. Please refer to Design No. 6H3331.



"WhiteKraft" Nurses' Room Cabinets

These installations were fabricated in the *"WhiteKraft"* Shops according to the plans and specifications of Peabody, Wilson and Brown, Architects, New York City, and were installed in the North Country Community Hospital, Glen Cove, Long Island.

Each installation is divided into nine compartments, each with two adjustable steel shelves. Each door is hung on two hinges and is equipped with three-way locking device. One pull handle shown is stationary and the other operates a three-way locking device. Doors are double wall and recess flush with the front of the cabinet. The rabbet being formed by sides, top and bottom of cabinet body. Each installation is fitted with a 2x1/8 inch flat cold rolled steel moulding which is screwed to the wall. Each compartment is separated. Installations are formed by three sections.



SPECIFICATIONS

Size—Height over all including moulding, 104¾ inches; width over all including moulding, 92¾ inches; inside height of the two upper tiers of compartment, 34½ inches; inside height of lower tier of compartments, 28½ inches; inside width of six outer compartments, 27¾ inches; inside width of the three inner compartments, 28½ inches; depth of each compartment, 18 inches.

Construction — Outside moulding, 2x1/8-inch cold rolled steel, welded to body flange. Cabinet bodies, 18 gauge sheet furniture steel, pressed, formed, welded and reinforced. Doors, 18 gauge double wall, flush construction, inside panel telescoping into outer panel with ¾-inch flange on all sides. Door panels are torch-welded together leaving dead air space between. Steel shelves, 18 gauge sheet furniture steel with a 1-inch down turn flange on all sides. Front flange has a return at the bottom for additional reinforcement. Shelves, adjustable.

Equipment—Two white metal hinges to each door; one stationary pull handle and one turn handle of polished white metal, operating three-way lock.

Note—Blue prints covering nurses' room cabinets furnished on request. Please specify Design No. 6H3327.

"WhiteKraft" Surgeon's Lockers

These locker installations were fabricated in the *"WhiteKraft"* Shops for the North Country Community Hospital, Glen Cove, Long Island, according to the plans and specifications of Peabody, Wilson and Brown, Architects, New York City.

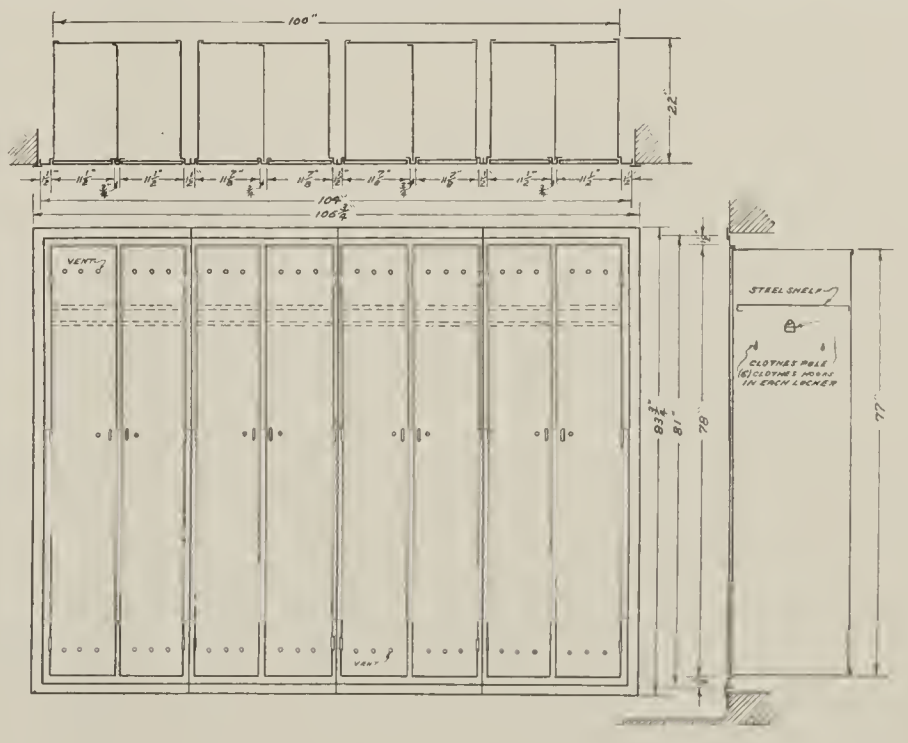
The construction is simple but durable and effective. This installation includes eight lockers, two in a section. There is a mullion between each set of doors and from this mullion runs a vertical steel partition, welded to the locker bodies at the back. The doors are double walled with vents at top and bottom. Doors are hung on three semi-concealed hinges of white metal, polished. Each door has a white metal polished turn handle and a Yale flat key lock.

Each locker is equipped with a steel hat shelf, welded to the body, also with a brass, nickel plated hanger rod and six clothes hooks. The moulding is flat cold rolled steel, 2x1/8 inch, screwed flat against the wall and running around the entire installation. Doors recess flush with the front of the cabinet. The rabbet is formed by side. top, bottom of cabinet body, and mullion.

SPECIFICATIONS

Size—Height of installation over all including moulding, 83¾ inches; inside height, 77 inches; width over all including moulding (for 8 lockers), 106¾ inches; width of each locker, 11⅞ inches; depth, 22 inches.

Construction—Outside moulding, 2x⅛-inch cold rolled steel welded to body flange. Cabinet bodies, 18-gauge sheet furniture steel, pressed, formed, welded and reinforced. Doors, 18-gauge double wall, flush construction, inside panel telescoping into outer panel with ¾-inch flange on all sides. Door panels are torch-welded together leaving dead air space between. Box stiffener between the panel below and above ventilators for additional reinforcement. Ventilators are formed by steel tubing, shouldered down inside and outside similarly to a hollow rivet, giving added strength. Steel shelf, 18 gauge furniture steel, formed with a 1-inch down turn flange on all sides. The front flange has a return at the bottom for additional reinforcement.



Equipment — Three semi-concealed white metal hinges for each door; white metal polished turn handle operating three-way lock; Yale flat key lock; brass, nickel plated hanger rod; six clothes hooks.

Finish—These lockers are regularly finished in *"WhiteKraft"* enamel. Colored enamel, or white or colored lacquers, or wood grained finishes can be supplied.

Note—Blue prints covering this installation will be furnished by our Engineering Departmen. on request. Please specify Design No. 6H3324.

"WhiteKraft" Utility Room Cabinets

This combination utility room installation was fabricated in the *"WhiteKraft"* Shops for the North Country Community Hospital, Glen Cove, Long Island, from the plans and specifications of Peabody, Wilson and Brown, Architects, New York City.

The arrangement of this installation allows for a large amount of storage space, all within easy reach and unusually convenient. The installation is a combination of two units. The left hand unit has two large storage compartments below, divided by a mullion at the center and a partition running from the mullion and welded to the back of the cabinet body. The left lower compartment is equipped with broom hooks and has no shelves, making it suitable for brooms, mops, etc.

The right hand lower compartment is divided by five adjustable steel shelves. The upper compartment of left hand section has two doors and no partition. It is divided horizontally with an adjustable steel shelf. Right hand section of installation is divided into two compartments, each having two doors without mullion. Each compartment has two adjustable steel shelves. Upper doors are ventilated with three vents at the bottom of each door.

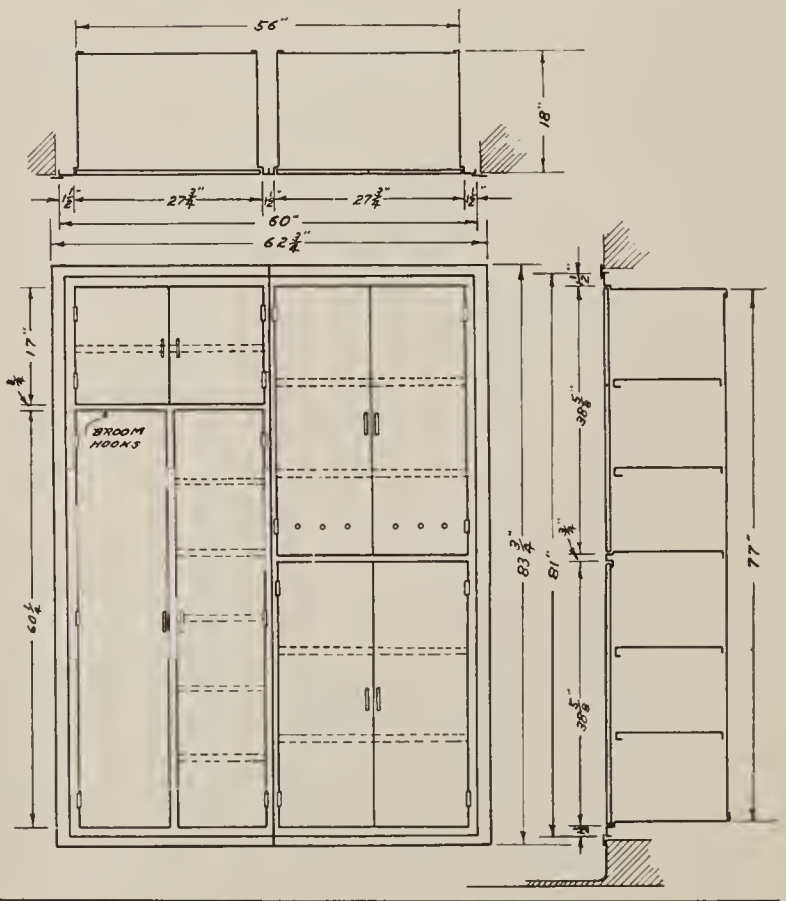
SPECIFICATIONS

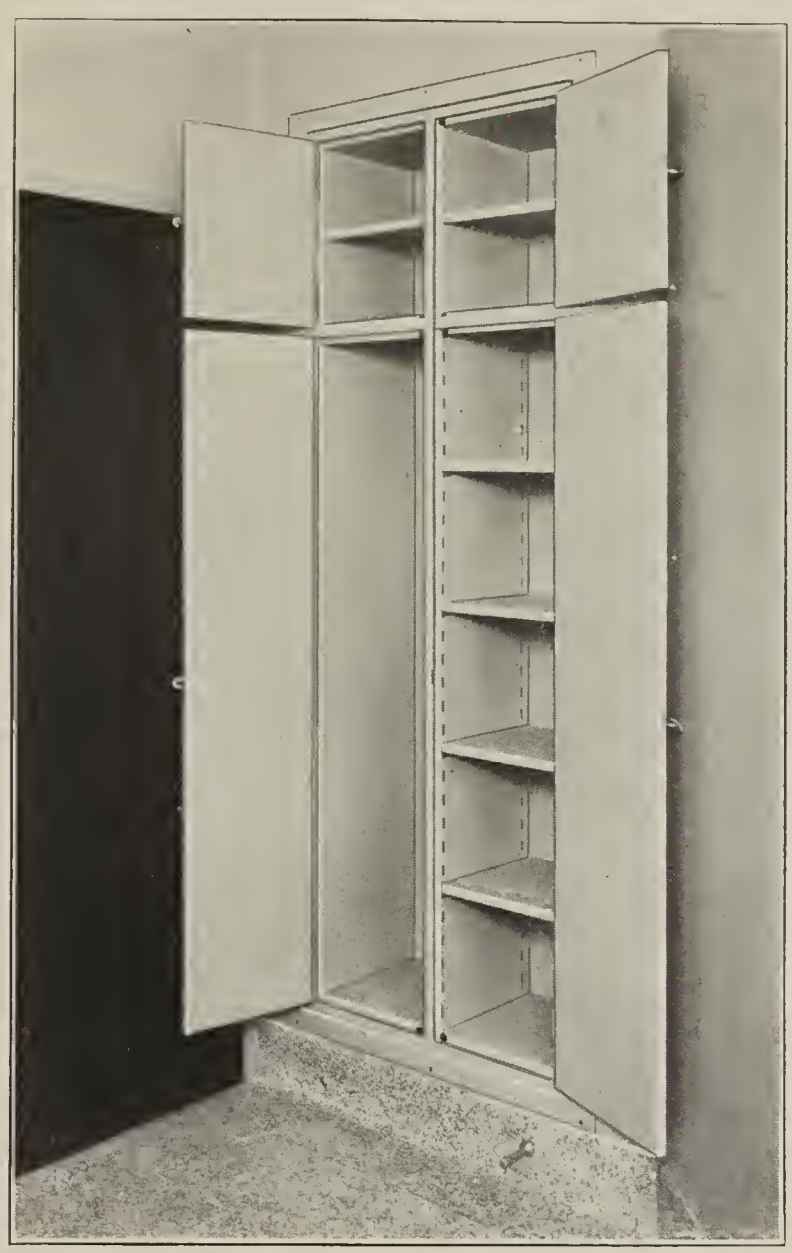
Size—Height over all including moulding, 83¾ inches; width over all including moulding, 62¾ inches; depth, 18 inches; height of upper compartment, left section, 17 inches; width, upper compartment, left section, 27¾ inches; height, left hand lower compartment, left section, 60¼ inches; width, left hand lower compartment, left section, 13⅞ inches; height, right hand lower compartment, left section, 60¼ inches; width, right hand lower compartment, left section, 13⅞ inches; height, upper compartment, right section, 38⅝ inches; width, upper compartment, right section, 27¾ inches; height, lower compartment, right section, 38⅝ inches; width, lower compartment, right section, 27¾ inches.

Construction—Outside moulding, 2x⅛-inch cold rolled steel, welded to body flange. Cabinet bodies, 18 gauge sheet furniture steel, pressed, formed, welded and reinforced. Doors, 18 gauge double wall, flush construction, inside panel telescoping into outer panel with ¾-inch flange on all sides. Door panels are torch-welded together leaving dead air space between. Box stiffener is welded between the panels on the large doors for additional reinforcement. Ventilators are formed by steel tubing, shouldered down inside and outside similarly to a hollow rivet, giving added strength. Steel shelves, 18 gauge furniture steel, formed with a 1-inch down turn flange on all sides. The front flange has a return at the bottom for additional reinforcement. Shelves adjustable.

Equipment—Three semi-concealed white metal hinges on long doors and two on each shorter door; double doors, one stationary pull handle and one turn handle of polished white metal, operating three-way lock; long doors, polished white metal turn handle, operating three-way lock; broom hooks.

Note—Blue prints, covering this installation will be furnished by our Engineering Department on request. Please specify Design No. 6H3325.

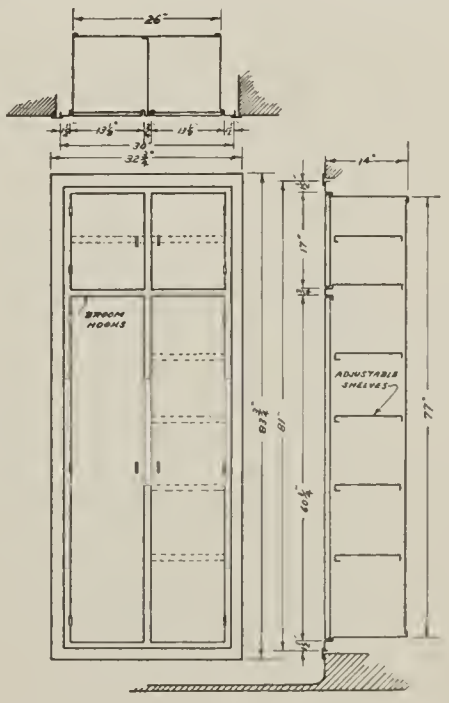




"WhiteKraft" Broom and Storage Closets

Built according to the plans and specifications of Peabody, Wilson and Brown, Architects, New York City, in the *"WhiteKraft"* Shops for the North Country Community Hospital, Glen Cove, Long Island.

These storage closets are particularly roomy and well arranged. Installation is divided into four compartments. The lower left hand compartment is without shelves and equipped with broom hooks. The lower right hand compartment has four adjustable steel shelves. The two upper compartments are each divided with one steel shelf. Doors are divided by mullions from which a partition is run to the back of the cabinet and welded. Doors are double wall and recessed flush with the front of the cabinet. The two small doors have turn handles of white metal. The lower doors have turn handles of white metal operating three-way locks, locking at center, top and bottom. Upper doors are each hung on two hinges, and lower doors on three hinges. All hardware is of white metal, polished.



SPECIFICATIONS

Size—Height over all including moulding, 83¾ inches; width including moulding, 32¾ inches; depth, 14 inches; upper compartments, each 17 inches high and 13⅛ inches wide; lower compartments, each 60¼ inches high and 13⅛ inches wide.

Construction—Outside moulding 2x⅛-inch cold rolled steel, welded to body flange. Cabinet bodies, 18 gauge sheet furniture steel, pressed, formed, welded and reinforced. Doors, 18 gauge double wall, flush construction, inside panel telescoping into outer panel with ¾-inch flange on all sides. Door panels are torch-welded together leaving dead air space between. Box stiffener is welded between the panels on the large doors for additional reinforcement. Steel shelves, 18 gauge furniture steel, formed with a 1-inch down turn flange on all sides. The front flange has a return at the bottom for additional reinforcement. Shelves in large compartment, adjustable; in upper compartment, fixed.

Equipment—Three semi-concealed white metal hinges for each large door; two hinges for each small door; white metal polished turn handles, operating three-way locks on the two large doors.

Note—Blue prints showing broom and storage closet installation in detail sent on request. Please specify Design No. 6H3330.

Harper Hospital Storage Room Cases

"WhiteKraft" Storage Room Cases built for the Harper Hospital, Detroit, Michigan, according to the specifications of Albert Kahn, Inc., Architects and Engineers, Detroit, Michigan. These cases were made up according to the illustrations shown rather than according to the drawing on the next page which shows the upper sections held in place by means of brackets fastened to the walls. In the finished job, these brackets were dispensed with and the upper sections fastened to the wall by means of toggle bolts.

An interesting feature of this installation is the heavy 13 gauge Monel metal top with cove at back and sides and apron with return flange at the front. The top construction affords rounded back, sides and corners easy to clean and keep clean. Another feature which recommends this type of installation is the provision for toe space by setting back the terrazzo base and allowing the cases to overhang.

It will be noted in this installation that all hardware is of brass, nickel plated. The hinges are of the heavy French type and all doors are provided with three-way locks, locking at center, top and bottom. Controlled by means of a heavy turn handle and lock by a Yale cylinder flat key lock. Drawers and door fronts are heavily reinforced with cold rolled steel, giving to the installation permanence, strength and beauty.

SPECIFICATIONS

Size—Height over all, not including terrazzo base, 6 feet, 8½ inches; length of installation over all, 10 feet, 10 inches; height of lower section, 2 feet, 6½ inches; height of upper cabinet section, 3 feet; depth of working surface, lower section, 2 feet, 2 inches; depth of cabinets, upper section, 1 foot, 6⅛ inches. Height of installation is determined by height of door trim.

Construction—Cabinet bodies, upper and lower section, 18 gauge stretcher leveled sheet furniture steel; front frame work of cabinet, 2¼-inch by ⅛-inch flat cold rolled steel, electrically welded to body and torch-welded at corners; front edges are reinforced by 1¼x1¼x⅛-inch angle iron, spot welded to body and cold rolled steel frame work. Steel doors, 18 gauge sheet furniture steel panels, welded to 1½-inch

Harper Hospital Storage Room Cases

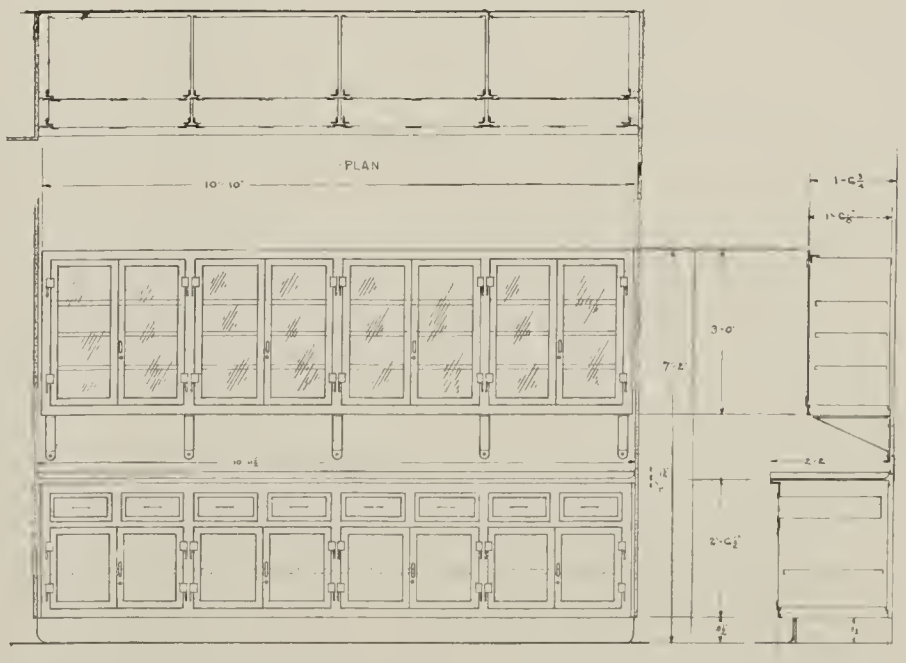
SPECIFICATIONS—Continued

by 3/16-inch flat cold rolled steel, torch-welded at corners. Glass doors, front frame work, 1½x3/16-inch flat cold rolled steel with three steel glass retainers welded to frame work; top retainer screws off for removal and replacement of glass; glass panels, Libbey-Owen, 3/16-inch flat drawn glass fitting into pressed felt strips between retainers and edges; drawers, 18 gauge sheet furniture steel with 1-inch by ⅛-inch flat cold rolled steel reinforcements, electrically welded to bodies; drawers suspended in steel channels, one set welded to drawers and the other set welded to cabinet bodies; steel shelves, 18 gauge sheet furniture steel with 1-inch flange turned down on all sides with the front additionally reinforced with a return flange; shelves adjustable by means of slotted channels spot welded to corners of cabinet and having nickel-plated shelf rests inserted in slots. Working surface, 13 gauge non-corrosive Monel metal with cove at back and sides and apron at front. Additional support supplied by sub-top of 18 gauge sheet furniture steel underneath the Monel metal.

Equipment—Cast brass, nickel-plated French hinges, two to each door; three-way locking device operated by cast brass, nickel-plated handles, locking at center, top and bottom; Yale cylinder flat key locks.

Finish—This type of cabinet is usually finished in *"WhiteKraft"* enamel, baked on. Prices will, however, be quoted with colored enamels or with white or colored lacquers, as required. It is recommended that surfaces of cabinets recessed into wall be finished either in red lead or in a high heat bond coat to resist moisture.

Note—Blue prints showing complete details of this installation will be supplied by our Engineering Department on request. In referring to this installation, please specify Design No. 6H3302.

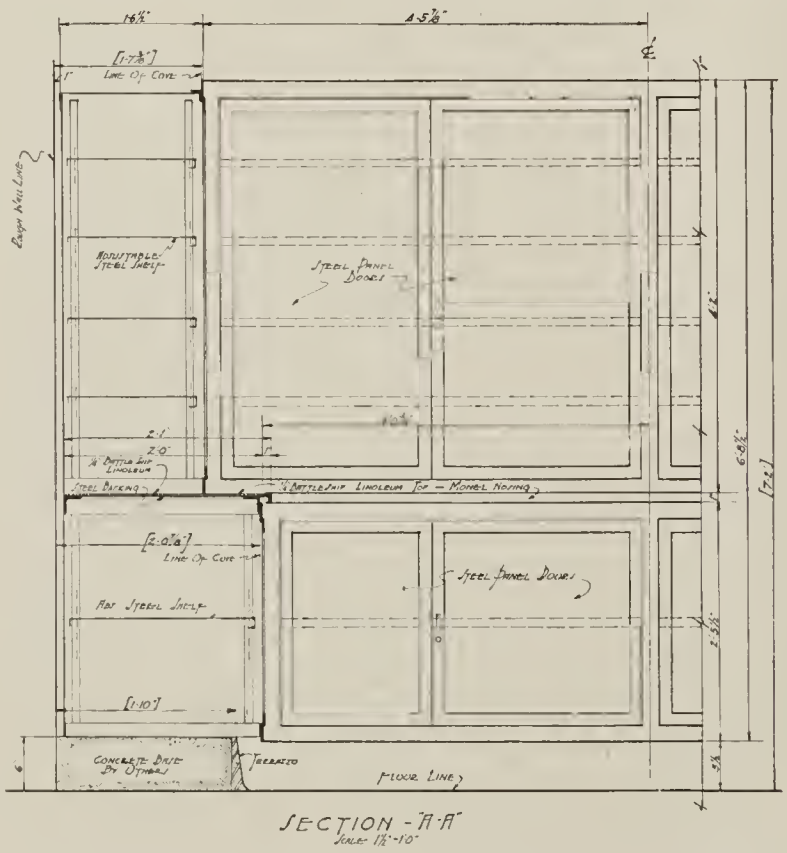


Utility Table

The Utility Table shown in the illustration above is made with Monel metal top and shelf with flange at back and sides and an apron at the front. The floor feet are of cast brass and are adjustable to take care of any little inequalities in the floor. Prices covering these tables made to size required with either steel or Monel metal tops will be quoted on application.

Harper Hospital Sterilizing Room Cases

These sterilizing room cases were constructed in the *"WhiteKraft"* Shops for the Harper Hospital, Detroit, Michigan. They were fabricated according to the designs and specifications of Albert Kahn, Inc., Architects and Engineers, Detroit, Michigan. This is one of the largest and best appointed sterilizing room installations ever turned out by the *"WhiteKraft"* Shops. Dressing materials of all kinds, small bundles and large, are well accommodated by the shelf arrangement. In laying out this installation, the architect built the cabinets immediately adjacent to the sterilizers, utilizing the space to excellent advantage.

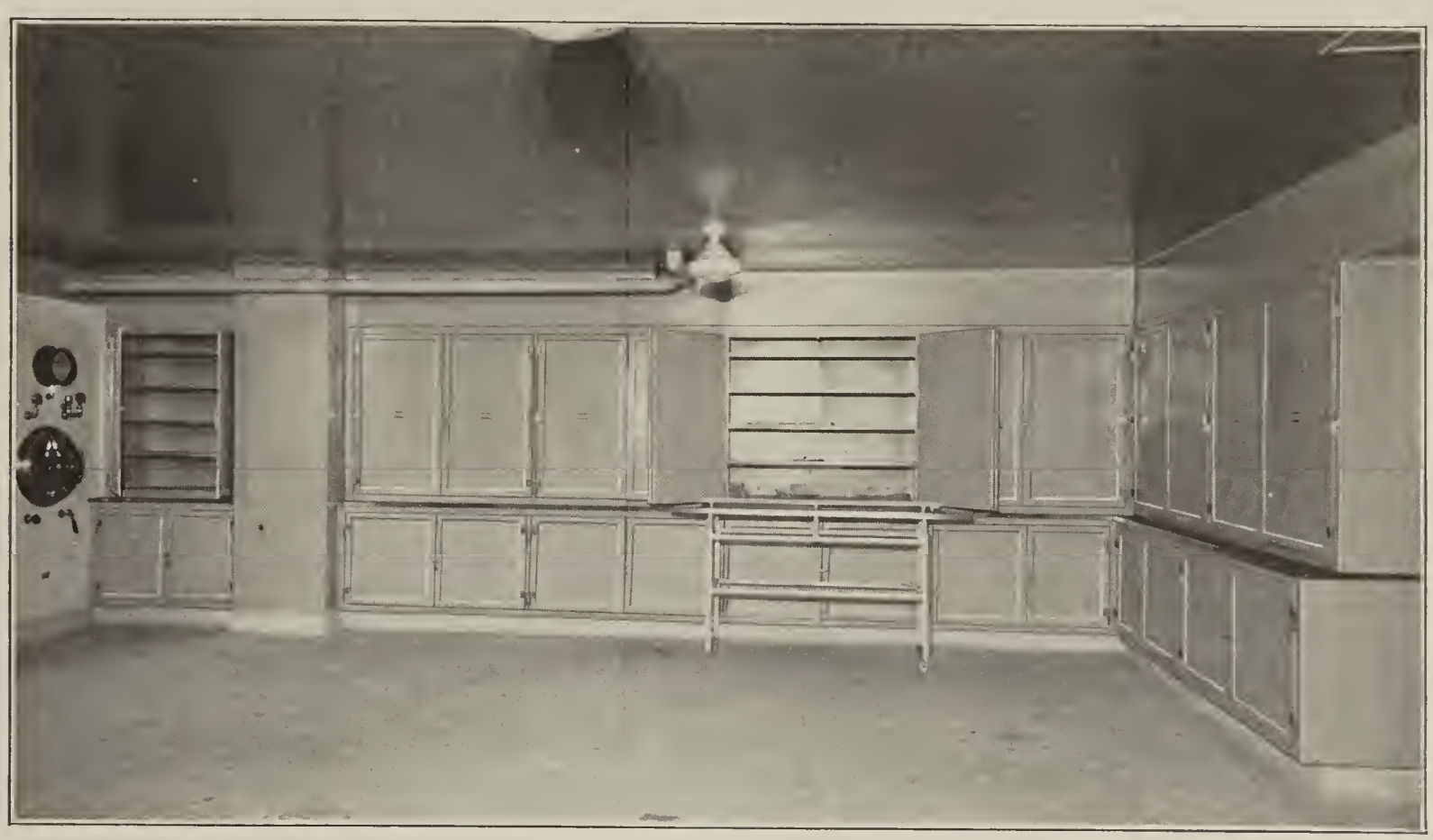


Cases are made in two door sections and all of the specifications given apply to a typical unit of two doors above and two below. Complete blue prints showing method of arranging corner cabinets with the floor lay-out plan will be furnished on request.

All of the cabinets overhang the base to give plenty of toe room in using the upper sections. Another feature worthy of special consideration is the arrangement of the top of the lower section. This top is covered with ¼-inch Battleship linoleum held tightly at the edge by a non-corrosive Monel metal nosing.

In the upper sections, there are four adjustable steel shelves and in the lower cupboards, one adjustable steel shelf. Doors are all equipped with brass turn knobs, operating three-way locks, fastening at center, top and bottom and controlled by a Yale cylinder flat key lock. Upper doors are each hung on three cast brass French hinges, nickel plated. Lower doors are hung on two French hinges.

Note—Stedman rubber flooring can be substituted for Battleship linoleum on projecting tops. Stedman flooring is tough, long wearing and stains can be removed readily. Flooring is held in place with non-corrosive Monel metal nosing in the same manner as the Battleship linoleum.



Harper Hospital Sterilizing Room Cases

SPECIFICATIONS

Size—(Sizes given are for one unit with two doors above and two below. Blue prints showing sizes on complete installation, sent on request.) Height over all including moulding, 6 feet, 8½ inches; height from floor, 7 feet, 2 inches; width over all, 4 feet, 5⅞ inches; height of upper section, 4 feet, 2 inches; height of lower section, 2 feet, 6½ inches; depth of upper section, 1 foot, 6½ inches; depth of lower section, 2 feet, ⅞ inches. Height of installation is governed by height of door trim.

Construction—Cabinet bodies, 18 gauge patent stretcher leveled, smooth flat furniture steel; front frame work made from 2¼x⅛-inch flat cold rolled steel, electrically spot welded to cabinet body, torch-welded and ground smooth at corners. Front edges of cabinets reinforced with 1¼x1¼x⅛-inch angle iron electrically spot welded both to cabinet body and to the cold rolled steel front frame work. Doors are made with panels of 18 gauge patent stretcher leveled sheet furniture steel, electrically welded to a frame work of 1½x3/16-inch flat cold rolled steel, torch-welded and ground smooth at the corners. Steel shelves are all adjustable and made from 18 gauge sheet furniture steel with a 1-inch flange turned down on all sides with the front additionally reinforced with a return flange. Adjustment is obtained through the use of slotted channels, spot welded to the four corners of the cabinet body on the inside. Heavy gauge nickel plated shelf rests are inserted in slots for support. Slots are 1 inch apart.

Equipment—Cast brass, nickel-plated French hinges, two to each door; three-way locking device operated by cast brass, nickel-plated handles, locking at center, top and bottom; Yale cylinder flat key locks.

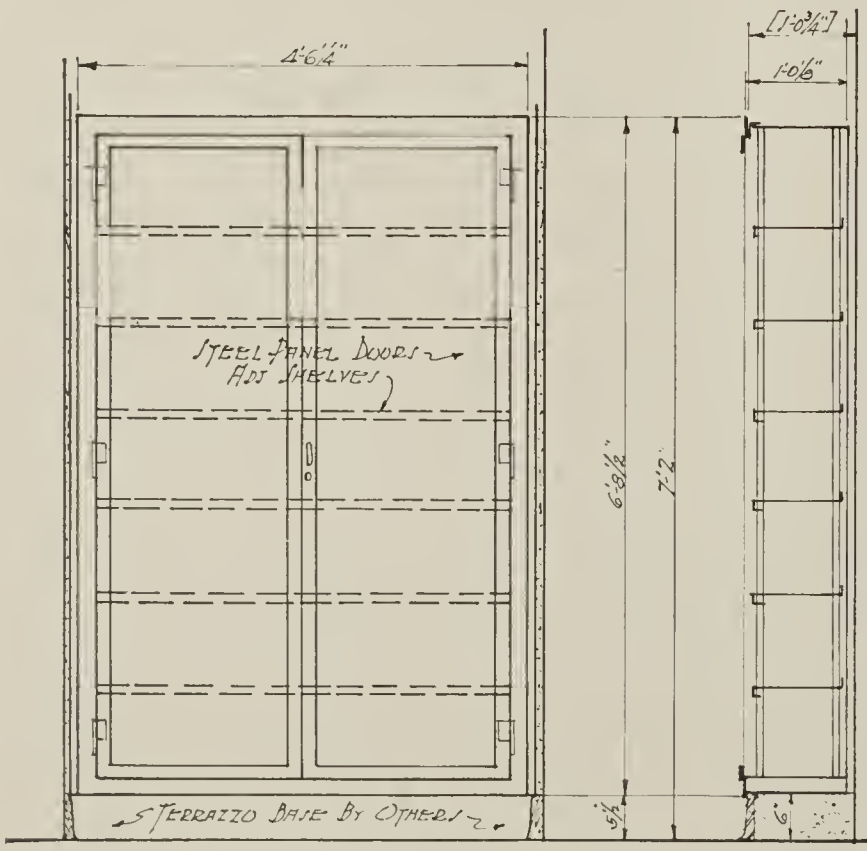
Finish—This type of cabinet is usually finished in *"WhiteKraft"* enamel, baked on. Prices will, however, be quoted with colored enamels or with white or colored lacquers, as required. It is recommended that surfaces of cabinets recessed into wall be finished either in red lead or in a high heat bond coat to resist moisture.

Note—Blue prints showing complete details of these sterilizing cases will be sent on request. Please refer to Design No. 6H3320.

Harper Hospital Built-in Linen Cabinets

"WhiteKraft" installation of linen closets in Harper Hospital, Detroit, Michigan, built according to specifications of Albert Kahn, Inc., Architects and Engineers, Detroit, Michigan. The six adjustable shelves supplied in this installation affords a large space for linen storage all within easy reach.

In installations of this kind with large doors, a special reinforcement to stiffen the doors is provided. Each door is also supported by three cast brass, French hinges.



SPECIFICATIONS

Size—Height over all including moulding, 6 feet, 8½ inches; width over all including moulding, 4 feet, 6¼ inches; depth, 1 foot, ⅛ inch.

Construction—Cabinet bodies, 18 gauge stretcher leveled sheet furniture steel, front framework of cabinet, 2¼-inch by ⅛-inch flat cold rolled steel, electrically welded to body and torch-welded at corners; front edges are reinforced by 1¼x1¼x⅛-inch angle iron, spot-welded to body and cold rolled steel framework. Steel doors, 18 gauge sheet furniture steel panels, welded to 1½-inch by $\frac{3}{16}$-inch flat cold rolled steel, torch-welded at corners; doors, reinforced with special stiffeners; steel shelves, 18 gauge sheet furniture steel with 1-inch flange turned down on all sides with the front additionally reinforced with a return flange; shelves adjustable by means of slotted channels spot-welded to corners of cabinet and having nickel-plated shelf rests inserted in slots.

Equipment—Cast brass, nickel-plated French hinges, three to each door, three-way locking device operated by cast brass, nickel-plated handle, locking at center, top and bottom; Yale cylinder flat key lock.

Note—Blue prints showing complete details of this installation will be supplied by our Engineering Department on request. Please specify Design No. 6H3310.

Harper Hospital Blanket Warmer

Blanket warmer built for Harper Hospital, Detroit, Michigan, according to the specifications of Albert Kahn, Inc., Architects and Engineers, Detroit, Michigan. A well constructed *"WhiteKraft"* blanket warmer with cast brass French hinges, three-way locking device, with large cast brass turn handle, perforated shelves, wrought iron pipe steam coils and Arco angle valve. The doors are of hollow construction, insulated with 7/16-inch Celotex. Sides and back of warmer can be insulated with Celotex or asbestos or the insulation can be placed in the wall, as preferred.

Cabinet construction is of a particularly durable type, the body being welded to a heavy angle iron frame. The moulding of 2¼-inch flat cold rolled steel is then welded to the heavy angle. Doors are provided with a moulding also of heavy cold rolled steel, 1½ inches wide, giving a panel effect of great strength.

SPECIFICATIONS

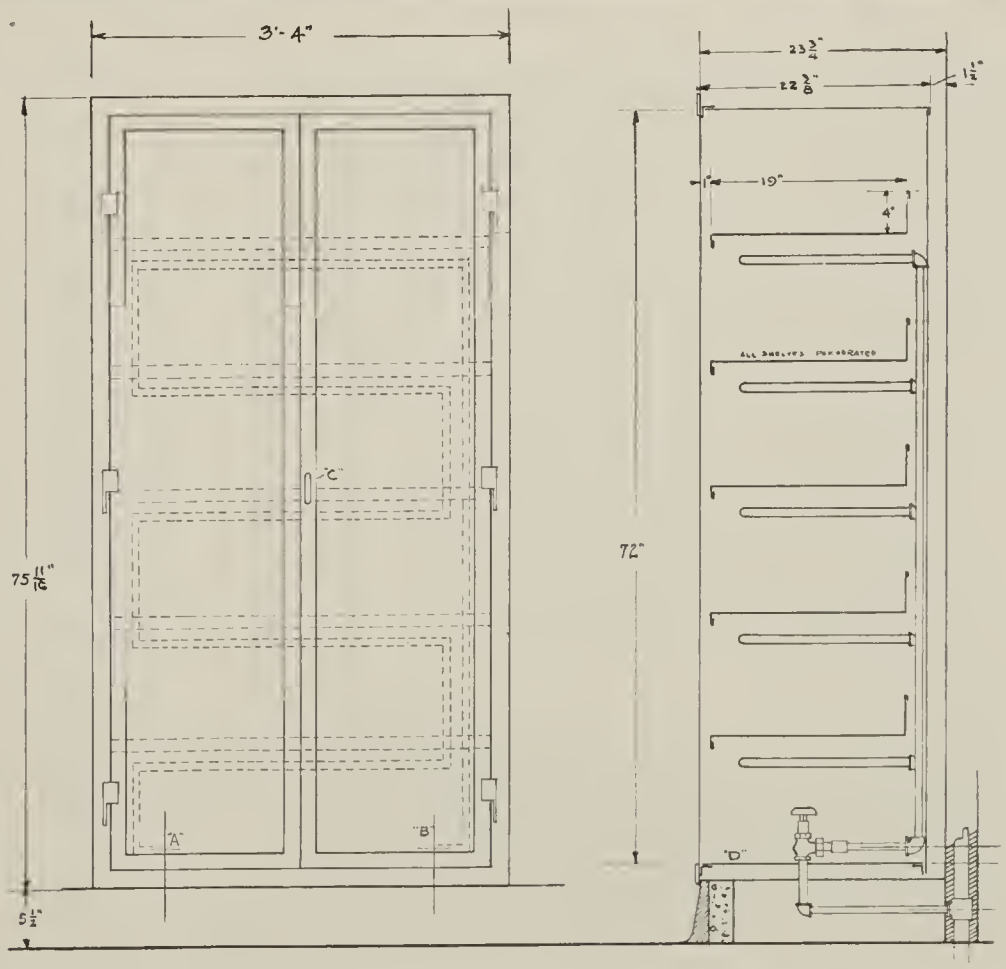
Size—Height over all including moulding, 75 11/16 inches; width over all including moulding, 3 feet, 4 inches; depth, 22⅜ inches; depth of wall opening, 23¾ inches; inside height, 72 inches; inside width, 3 feet, 1 inch; distance between shelves, 12 inches.

Construction—Cabinets, 18 gauge, stretcher leveled furniture steel; front frame work 2¼-inches by ⅛-inch flat cold rolled steel, electrically welded to body and torch-welded at corners; front edges reinforced with 1¼x1¼x⅛-inch angle iron, spot welded both to body and front frame work; doors, double wall steel, 18 gauge with front frame work of 1½x3/16-inch flat cold rolled steel, torch-welded at corners and electrically welded to 18 gauge steel panels. A backing of 18 gauge sheet furniture steel is welded to door panels, making the doors ½-inch in thickness, the space between the panels filled with 7/16-inch Celotex insulation. Steel shelves, removable 18 gauge sheet furniture steel, perforated, and equipped with a 4-inch flange with a ½-inch return at the back and a 1-inch flange with a ½-inch return at the front. Steam coils, ½-inch wrought iron pipe.

Equipment—Three cast brass nickel plated French hinges on each door; three-way locking device operated by cast brass nickel plated handle, locking at center, top and bottom. Arco angle valve for steam supply.

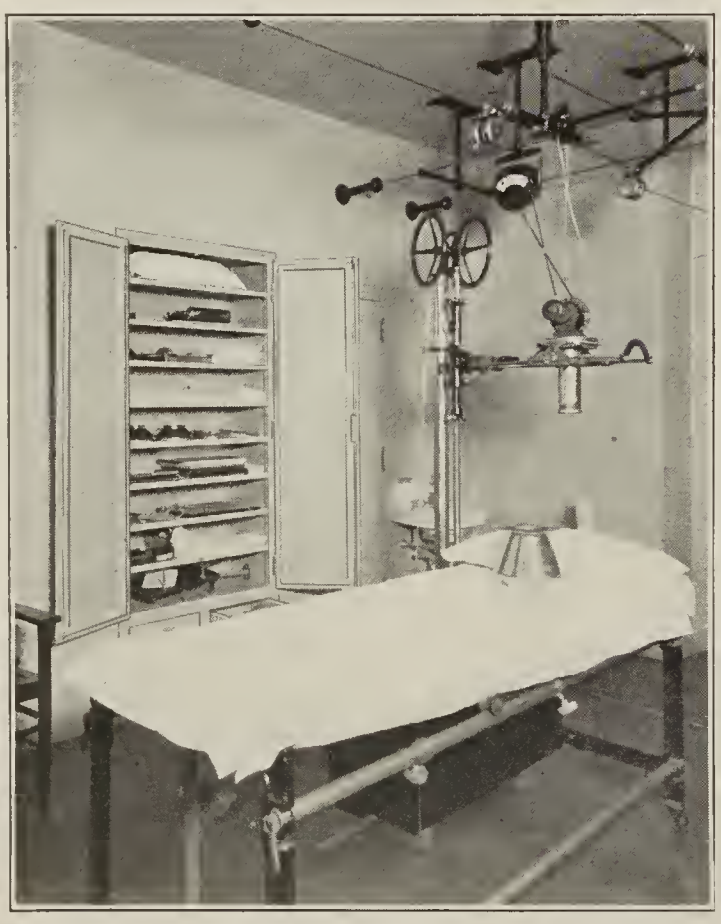
Finish—Blanket warmers are usually finished on the inside in aluminum bronze lacquer and on the outside either in "WhiteKraft" white enamel, in colored enamels, in lacquers, or in wood grain finishes. Surface of cabinet recessed into wall is usually quoted either in red lead or in a high heat bond coat to resist moisture.

Note—Blue prints showing complete details of this blanket warmer will be supplied by our Engineering Department on request. In referring to this blanket warmer, please specify Design No. 6H3301.



Harper Hospital Steel Storage Cases

These are practical cases turned to a multitude of uses in the Harper Hospital. They are built according to the same specifications as the three and four door cabinets and embody the same special features, adjustable shelves and flush drawers without projecting parts.



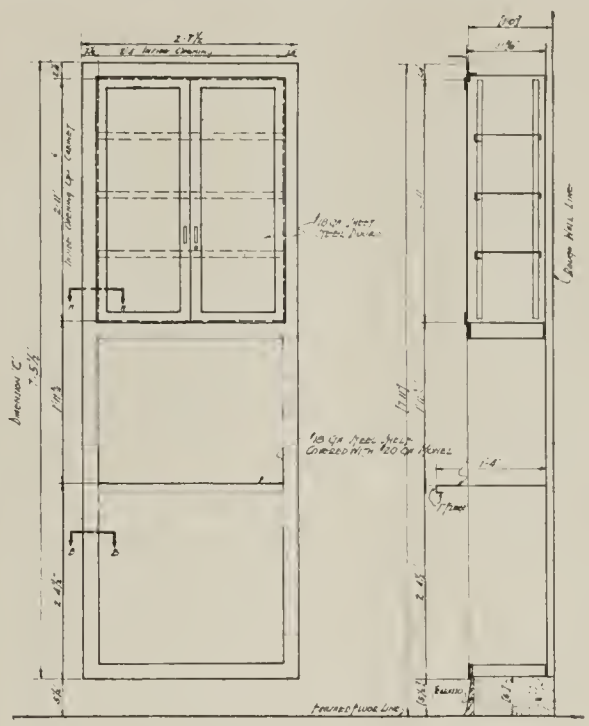
SPECIFICATIONS

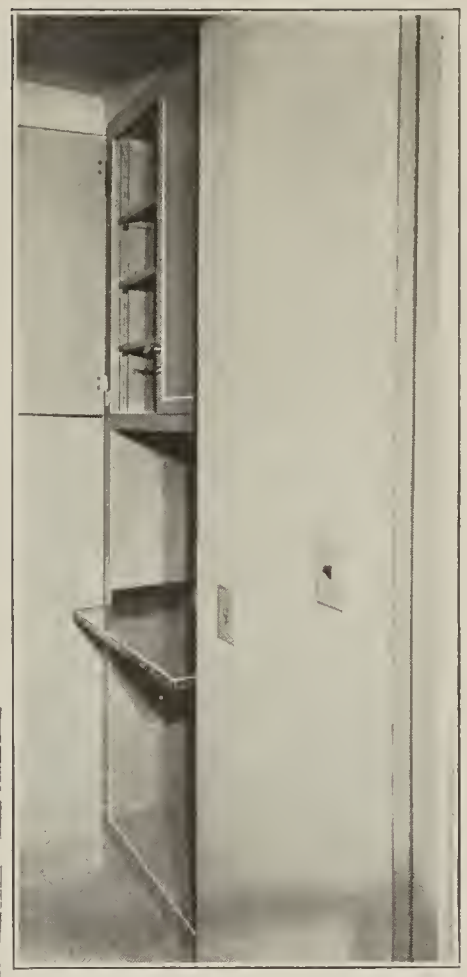
Size—Height over all including moulding, 7 feet, 3 inches; width over all including moulding, 3 feet, 4½ inches; depth, 1 foot, 3⅛ inches.

Construction—Cabinet bodies, 18 gauge stretcher leveled sheet furniture steel; front frame work of cabinet, 2¼-inch by ⅛-inch flat cold rolled steel, electrically welded to body and torch-welded at corners; front edges are reinforced by 1¼x1¼x⅛-inch angle iron, spot welded to body and cold rolled steel frame work. Steel doors, 18 gauge sheet furniture steel panels, welded to 1½-inch by 3/16-inch flat cold rolled steel, torch-welded at corners; doors, reinforced with special stiffeners; steel shelves, 18 gauge sheet furniture steel with 1-inch flange turned down on all sides with the front additionally reinforced with a return flange; shelves adjustable by means of slotted channels spot welded to corners of cabinet and having nickel plated shelf rests inserted in slots. Drawers, flush type construction, double fronts, 18 gauge sheet furniture steel, pressed, formed and welded.

Equipment—Cast brass, nickel plated French hinges, three to each door, three-way locking device operated by cast brass, nickel plated handles, locking at center, top and bottom; Yale, cylinder flat key locks.

Note—Blue prints showing complete details of this installation will be supplied by our Engineering Department on request. Please specify Design No. 6H3322.





Harper Hospital Dressing Cabinets

Over 250 of these *"WhiteKraft"* built Dressing Cabinets were installed in the Harper Hospital, Detroit, Michigan. These cabinets were built according to the specifications of Albert Kahn, Inc., Architects and Engineers, Detroit, Michigan.

Harper Hospital Dressing Cabinets are designed for offering a maximum of storage space, combined with the use of a minimum amount of floor and wall space. While there was some variation in size and arrangement to adapt this cabinet to the various spaces provided, the illustrations shown on this page and the specifications given below are of a typical unit. This dressing cabinet is made with an upper cupboard divided by three adjustable steel shelves, and enclosed with two doors. The lower section is open and divided at the center with a projecting Monel metal covered shelf. The Monel metal is flanged upward at the sides and back to provide protection. Space is gained by the use of a projecting shelf.

This type of cabinet accommodates itself wonderfully well to closets, corridors and all kinds of odd corners which can be utilized to storage.

SPECIFICATIONS

Size—Height over all including moulding, 7 feet, 5½ inches; width over all including moulding, 2 feet, 7½ inches; depth, 11⅜ inches; lower section, base to shelf, 2 feet, 4½ inches; middle section, shelf to cupboard, 1 foot, 11¾ inches; cupboard section, 2 feet, 11 inches high inside.

Construction—Cabinet bodies, upper and lower section, 18 gauge stretcher leveled sheet furniture steel, front framework of cabinet, 2¼-inch by ⅛-inch flat cold rolled steel, electrically welded to body and torch-welded at corners; front edges are reinforced by 1¼x1¼x⅛-inch angle iron, spot-welded to body and cold rolled steel framework. Steel doors, 18 gauge sheet furniture steel panels, welded to 1½-inch by $\frac{3}{16}$-inch flat cold rolled steel, torch-welded at corners. Shelves, 18 gauge sheet furniture steel with 1-inch flange turned down on all sides, with the front additionally reinforced with a return flange. Shelves adjustable by means of slotted channels, spot-welded to corners of cabinet and nickel-plated shelf supports inserted in slots. Projecting shelf, 18 gauge sheet furniture steel, covered with 20 gauge non-corrosive Monel metal.

Equipment—Two cast brass French hinges, nickel-plated on each door; three-way locking device operated by cast brass, nickel-plated handles, locking at center, top and bottom; Yale cylinder flat key locks.

Finish—This type of cabinet is usually finished in *"WhiteKraft"* enamel, baked on. Prices will, however, be quoted with colored enamels or with white or colored lacquers, as required. It is recommended that surfaces of cabinets recessed into wall be finished either in red lead or in a high heat bond coat to resist moisture.

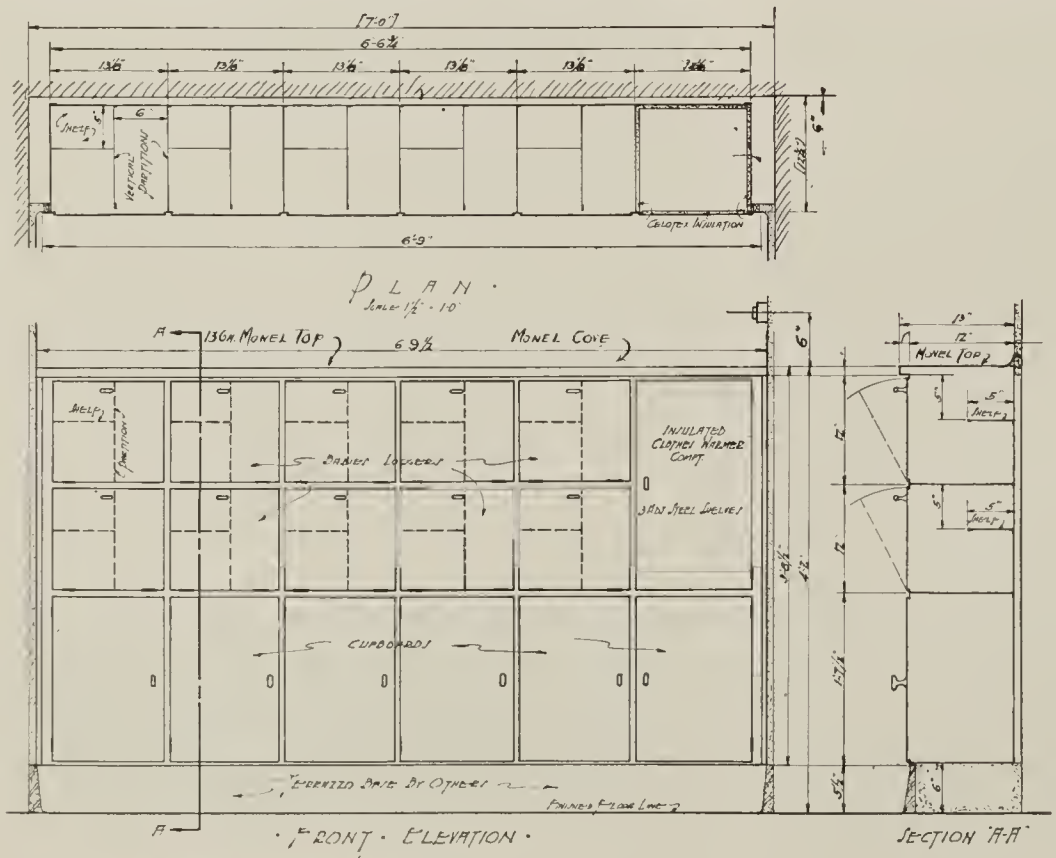
Note—Blue prints showing complete details of the cabinets in this installation will be supplied on request, by our Engineering Department. In referring to this cabinet, please specify Design No. 6H3307.

Harper Hospital Built-in Baby Lockers

This installation of the baby lockers fabricated in the *"WhiteKraft"* shops for the Harper Hospital, Detroit, Michigan, is an interesting departure from the usual arrangement for maternity sections. Specifications are by Albert Kahn, Inc., Architects and Engineers, Detroit, Michigan.

This *"WhiteKraft"* baby locker installation combines separate storage space for bowls and toilet articles. The six lower doors open into roomy cupboards without shelves. There are ten locker compartments, one of which is shown open. The large door at the top and to the left is a clothes warmer with double walls insulated with celotex and equipped with chromolax strip heaters. There are three adjustable steel shelves, perforated.

It will be noted that the original plan for the locker openings has been changed from the drawing shown, in that the partition has been run horizontally instead of vertically. A feature of this installation is the 13 gauge Monel metal tops with cove at back and sides and apron at the front.



SPECIFICATIONS

Size—Height of installation over all, 3 feet, 8½ inches; length of installation over all, 6 feet, 9½ inches; depth of installation, 13 inches; height of lockers, 12 inches; width of lockers, 13⅛ inches; height of cupboards, 1 foot, 7½ inches; width of cupboards, 13⅛ inches; height of clothes warmer, 24 inches; width of clothes warmer, 13⅛ inches.

Construction—Doors, partitions, shelves and cabinet body, 18 gauge sheet furniture steel, pressed, formed, reinforced and welded. Doors flanged back on four sides to give added strength.

Equipment—Cast brass hardware, nickel plated; semi-concealed hinges; chromolax strip heaters.

Note—Complete blue prints on this installation furnished on application. Please refer to Design No. 6H3315.

Harper Hospital Built-In Kitchen Cases

These built-in main kitchen cases were fabricated in the *"WhiteKraft"* Shops for the Harper Hospital, Detroit, Michigan, according to the specifications of Albert Kahn, Inc., Architects and Engineers, Detroit, Michigan. The architect has cleverly utilized the floor and wall space to give maximum room for dishes, utensils and cutlery.

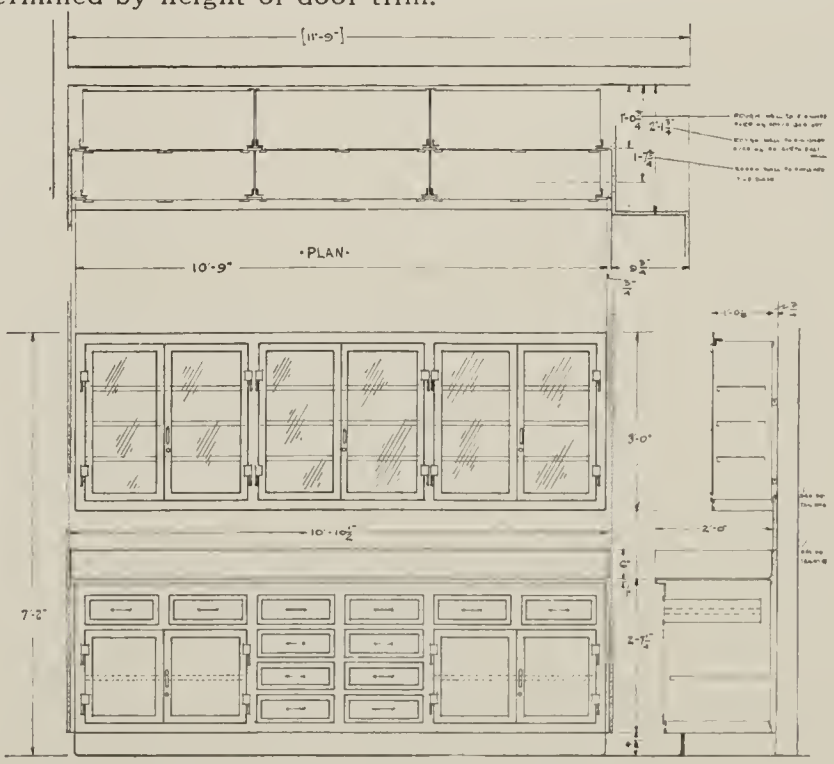
There are several features of this installation worthy of special consideration. It will be noted that the architect has placed the locks and turn knobs low on the upper doors to put them within easy reach. Toe space has been provided in the tile base to allow easy access to the upper cabinets. The Monel metal top is unusual in that it is made of 13 gauge material and extends well up on the back and side walls to protect them.

SPECIFICATIONS

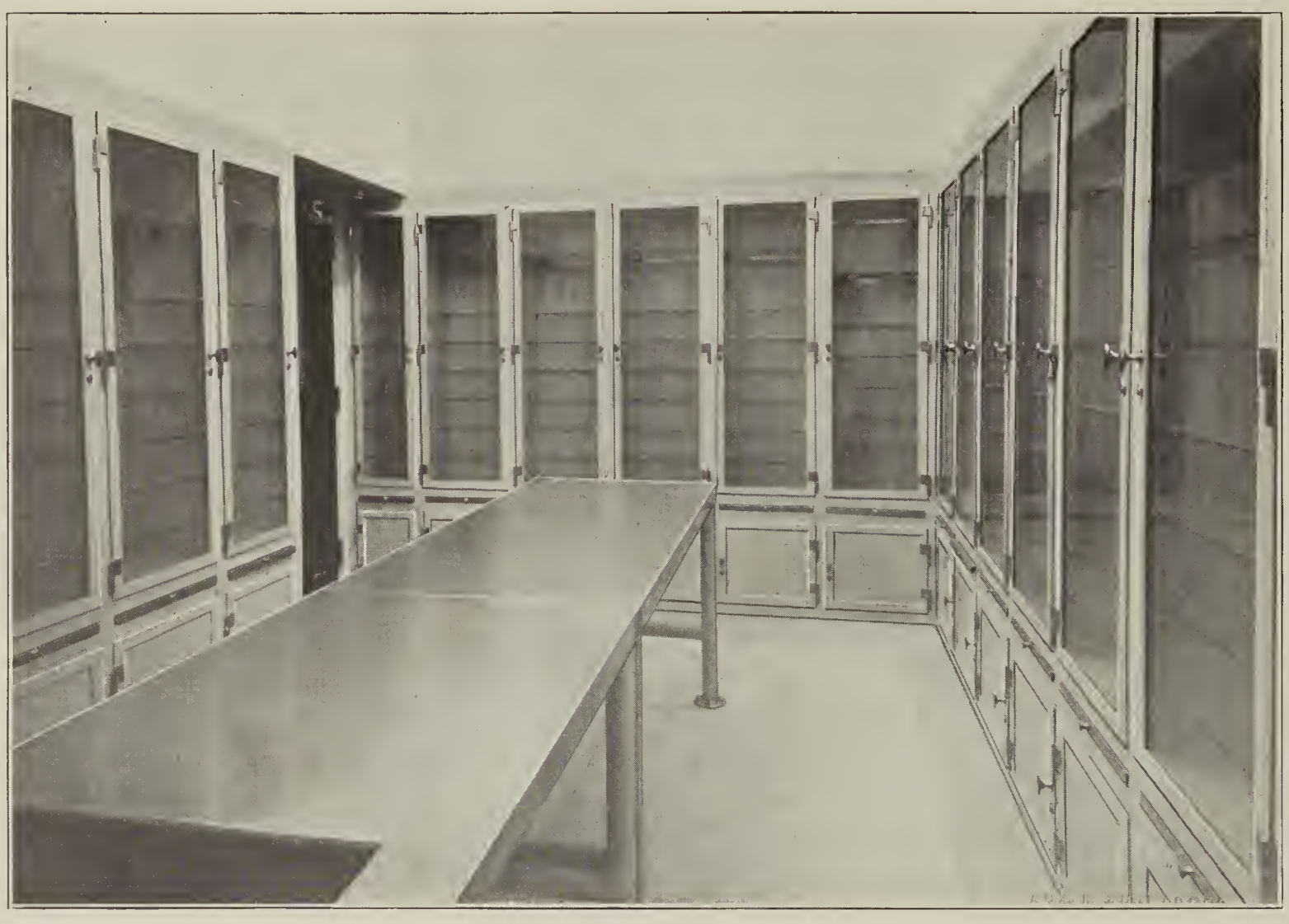
Size—Height over all, including moulding, 6 feet, 9¼ inches; length including moulding, 10 feet, 9 inches; depth of upper section, 1 foot, ⅛-inch; depth of lower section, 2 feet; height of lower section, 2 feet, 7¼ inches; height of upper section, 3 feet; over all height is determined by height of door trim.

Construction—Cabinet bodies, upper and lower section, 18 gauge stretcher leveled sheet furniture steel; front frame work of cabinet, 2¼-inch by ⅛-inch flat cold rolled steel, electrically welded to body and torch-welded at corners; front edges are reinforced by 1¼x1¼x⅛-inch angle iron, spot welded to body and cold rolled steel frame work. Steel doors, 18 gauge sheet furniture steel panels, welded to 1½-inch by 3/16-inch flat cold rolled steel, torch-welded at corners. Glass doors, front frame work, 1½x 3/16-inch flat cold rolled steel with three steel glass retainers welded to frame work; top retainer screws off for removal of glass; glass panels, Libbey-Owen, 3/16-inch glass; drawers, 18 gauge sheet furniture steel with 1-inch by ⅛-inch flat cold rolled steel reinforcements, electrically welded to bodies; drawers suspended in steel channels; steel shelves, 18 gauge sheet furniture steel with 1-inch flange turned down on all sides with the front additionally reinforced with a return flange; shelves adjustable by means of slotted channels, spot welded to corners of cabinet. Working surface, 13 gauge non-corrosive Monel metal with cove at back and sides 6 inches high and apron at front.

Equipment—Cast brass, nickel-plated French hinges; three-way locking device; Yale cylinder flat key lock; cast brass, nickel-plated drawer pulls.



Note—Blue prints showing complete details sent on request. Please specify Design No. 6H3312.



Harper Hospital Instrument Cases

Illustration shows one of the finest instrument storage rooms to be found in this country. The entire room is lined with *"WhiteKraft"* Instrument Cases and is a part of the Harper Hospital, Detroit, Michigan. The cases and Monel top table with sink shown were all built in the *"WhiteKraft"* Shops according to the specifications of Albert Kahn, Inc., Architects and Engineers, Detroit, Michigan. There are two types of instrument cases built for this room. One type with a large upper section with glass doors and a small lower section with steel doors. In the other type of case, the upper section is divided into two cases.

In this installation of *"WhiteKraft"* cases for the Harper Hospital, there are several features worthy of special notice. The cases are all built into the wall, each case is separated from the next by means of 18 gauge steel partitions and each case has its own draw board, covered with non-corrosive Monel metal for laying out instruments to be removed from or placed in storage. The shelves are all of 1/4-inch polished plate glass in the upper sections and are adjustable. In the small section below, there are two small adjustable steel shelves. There are 29 cases in all built into this room.

Drawing shows method of placing corner cabinets. Specifications given below show dimensions on typical cabinets of two types.

SPECIFICATIONS

Size—Two-door cabinets: Height over all, 7 feet 1 1/2 inches; upper section from top of moulding to draw board, 5 feet, 4 inches high; lower section from top of draw board including moulding, 1 foot, 9 1/2 inches; width of section, 1 foot, 8 5/8 inches; depth, 1 foot, 3 7/8 inches. Three-door section, same dimensions as two-door sections except lower section, 1 foot, 9 1/2 inches from bottom of moulding to top of draw board; middle section from draw board to middle of moulding, 2 feet, 8 inches; top section to top of moulding, 2 feet, 8 inches.

Construction—Cabinet bodies, upper and lower section, 18 gauge stretcher leveled sheet furniture steel; front frame work of cabinet, 2 1/4-inch by 1/8-inch flat cold rolled steel, electrically welded to body and torch-welded at corners; front edges are reinforced by 1 1/4x1 1/4x1/8-inch angle iron, spot welded to body and cold rolled steel frame work. Steel doors, 18 gauge sheet furniture steel panels, welded to 1 1/2-inch by 3/16-inch flat cold rolled steel, torch-welded at corners. Glass doors, front frame work, 1 1/2x3/16-inch flat cold rolled steel with three steel glass retainers welded to frame work; top retainer screws on for removal and replacement of glass; glass panels, Libbey-Owen, 3/16-inch flat drawn glass fitting into pressed felt strips between retainers and edges; drawers, 18 gauge sheet furniture steel with 1-inch by 1/8-inch flat cold rolled steel reinforcements electrically welded to bodies; drawers suspended in steel channels, 1 set welded to drawers and the other set welded to cabinet bodies; steel shelves, 18 gauge sheet furniture steel with 1-inch flange turned down on all sides with the front additionally reinforced with a return flange; shelves adjustable by means of slotted channels spot welded to corners of cabinet and having nickel-plated shelf rests inserted in slots. Glass shelves, 1/4-inch polished plate

Harper Hospital Instrument Cases

SPECIFICATIONS—Continued

glass, adjustable by means of corner channels spot welded to corners of cabinet and provided with nickel-plated shelf rests to insert in slots. Draw shelves covered in 13 gauge Monel metal; vertical partitions, 18 gauge sheet steel.

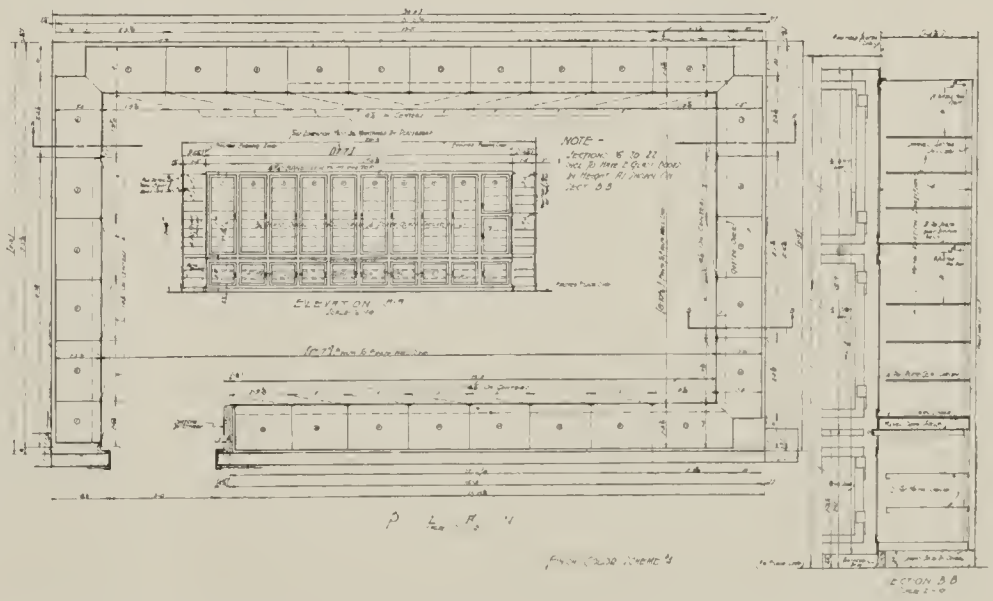
Equipment—Cast brass, nickel-plated French hinges, three to the large doors, and two to each small door; three-way locking device operated by cast brass, nickel-plated handles, locking at center, top and bottom; Yale cylinder flat key locks. Nickel plated hook strips and hooks for instruments.

Finish—This type of cabinet is usually finished in *"WhiteKraft"* enamel, baked on. Prices will, however, be quoted with colored enamels or with white or colored lacquers, as required. It is recommended that surfaces of cabinets recessed into wall be finished either in red lead or in a high heat bond coat to resist moisture.

Note—Blue prints showing complete details of the cabinets in this installation will be supplied on request by our Engineering Department. In referring to Two-Door Section, please specify Design No. 6H3303. In referring to Three-Door Section, please specify Design No. 6H3304.

Harper Hospital Instrument Tables

The table illustrated was made for the Harper Hospital by the *"WhiteKraft"* Shops according to the specifications of Albert Kahn, Inc., Architects and Engineers. This table was originally specified in one section, but because of its size was divided into two sections. The two sections over all are 11 feet long and 2 feet 6 inches wide and 34 inches high. At one end there is a sink, 24 inches long, 20 inches wide and 12 inches deep. Table top is of 13 gauge Monel metal. Table legs are of 2-inch iron pipe, strengthened by an "H" brace of the same material, all welded in one piece. The Monel metal top is supported by a 2x3x3/16-inch angle iron frame. The sink is supported by a 1½x1½x⅛-inch angle iron frame. Details and prices including blue prints will be supplied on request by our Engineering Department.



Harper Hospital Built-In Ward Cases

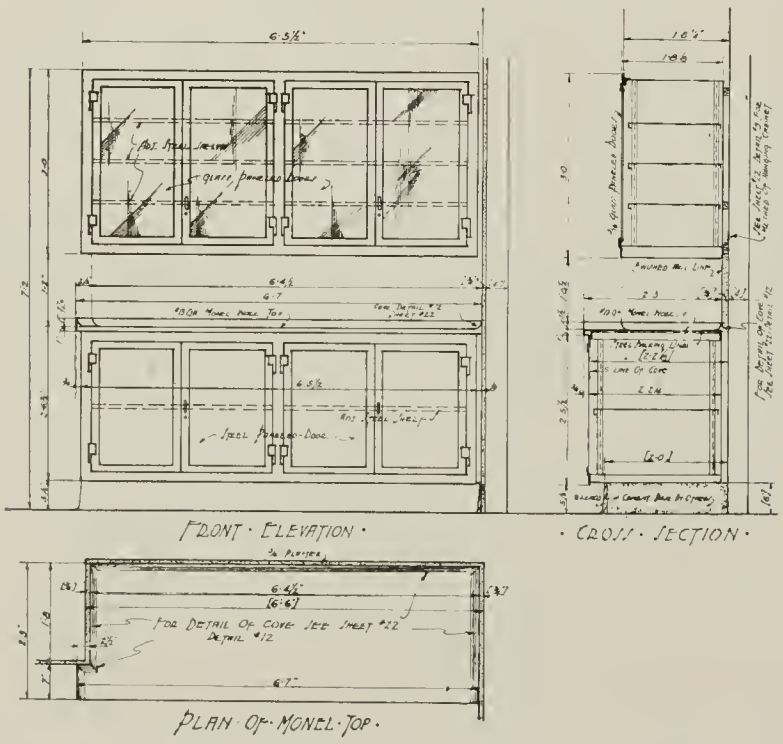
These built-in steel ward cases were built in the *"WhiteKraft"* Shops for the Harper Hospital, Detroit, Michigan, according to the Specifications of Albert Kahn, Inc., Architects and Engineers, Detroit, Michigan.

This type of built-in cabinet provides a large amount of easily accessible storage space. Outstanding features are the toe space left by the architect in the terrazzo bases by overhanging the cabinets and the 13 gauge non-corrosive Monel metal working top with cove at sides and back, and apron at the front.

The clever use of walls in this installation means a decided saving in floor space. The construction, although higher priced than usual types of construction, is well worth while because of its lasting qualities.

SPECIFICATIONS

Size—Height over all including moulding, 7 feet, 2 inches; length over all including moulding, 6 feet, 5½ inches; height of lower case, 2 feet, 6½ inches; height of upper case, 3 feet; depth of lower case, 2 feet, 3 inches; depth of upper case, 1 foot, 8⅛ inches.



Construction—Cabinet bodies, upper and lower section, 18 gauge stretcher leveled sheet furniture steel; front frame work of cabinet, 2¼-inch by ⅛-inch flat cold rolled steel, electrically welded to body and torch-welded at corners; front edges are reinforced by 1¼x1¼x⅛-inch angle iron, spot welded to body and cold rolled steel frame work. Steel doors, 18 gauge sheet furniture steel panels, welded to 1½-inch by 3/16-inch flat cold rolled steel, torch-welded at corners. Glass doors, front frame work, 1½x3/16-inch flat cold rolled steel with three steel glass retainers welded to frame work; top retainer screws on for removal and replacement of glass; glass panels, Libbey-Owen, 3/16-inch flat drawn glass fitting into pressed felt strips between retainers and edges; steel shelves, 18 gauge sheet furniture steel with 1-inch flange turned down on all sides with the front additionally reinforced with a return flange; shelves adjustable by means of slotted channels spot welded to corners of cabinet and having nickel plated shelf rests inserted in slots. Working surface, 13 gauge non-corrosive Monel metal.

Equipment—Cast brass, nickel plated French hinges, two to each door; Yale cylinder flat key locks.

Note—Blue prints showing complete details of this installation on request. Please specify Design No. 6H3308.

Harper Hospital Specimen Cabinets

These Specimen Cabinets installed in the Harper Hospital, were fabricated in the *"WhiteKraft"* Shops, according to the specifications of Albert Kahn, Inc., Architects and Engineers, Detroit, Michigan.

These cabinets are well designed and well built with adequate ventilation provided by perforations in the steel door and a vent running upward and out at the side just under the hood over the sterilizer. The cabinet is divided by fixed 18 gauge steel shelf, perforated. The vent opening is covered with a 16 mesh, nickel-plated bronze screen and the vent is of 24 gauge galvanized iron. Cabinet is placed in the wall within easy reaching distance. Door is equipped with cast brass, French hinges and cast brass turn knob.

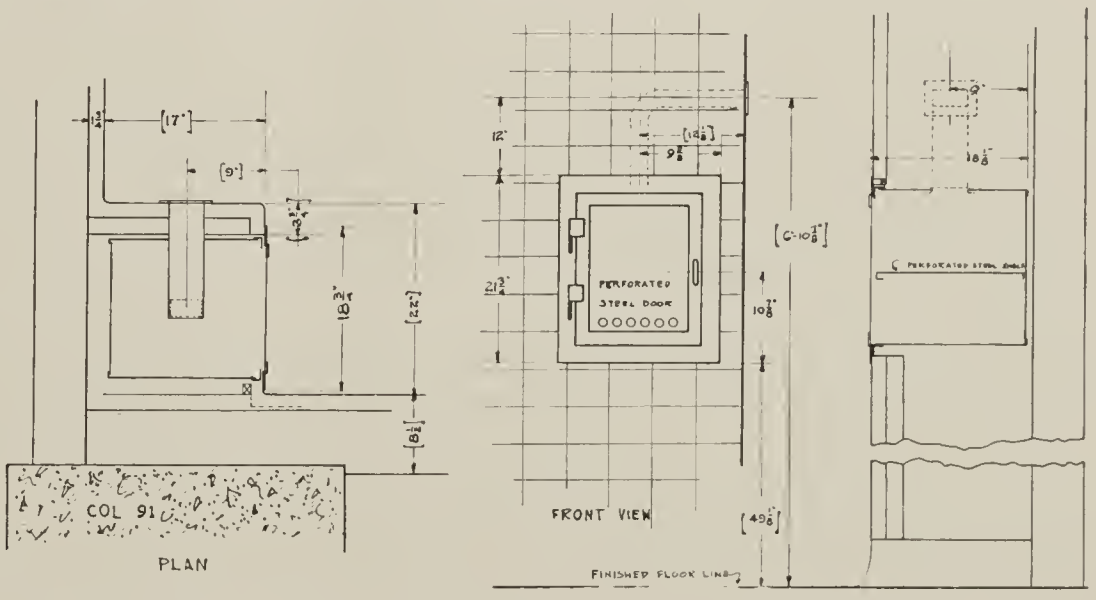
SPECIFICATIONS

Size—Height over all including moulding, 21¾ inches; width, 18¾ inches including moulding; depth, 18⅛ inches.

Construction—Body, 18 gauge stretcher leveled sheet furniture steel; front framework 2¼-inch by ⅛-inch flat cold rolled steel, welded to body and torch-welded at corners; front edges reinforced by 1¼x1¼x⅛-inch angle iron, spot-welded to body and cold rolled steel framework. Door, 18 gauge sheet furniture steel panels, welded to 1½x$\frac{3}{16}$-inch flat cold rolled steel frame, torch-welded at corners. Shelf, 18 gauge sheet furniture steel with 1-inch flange turned down on all sides with front reinforced with a return flange. Shelf welded to cabinet.

Equipment—Cast brass, nickel-plated French hinges; cast brass nickel-plated turn knob.

Note—Blue prints showing complete details sent on request. Please specify Design No. 6H3316.

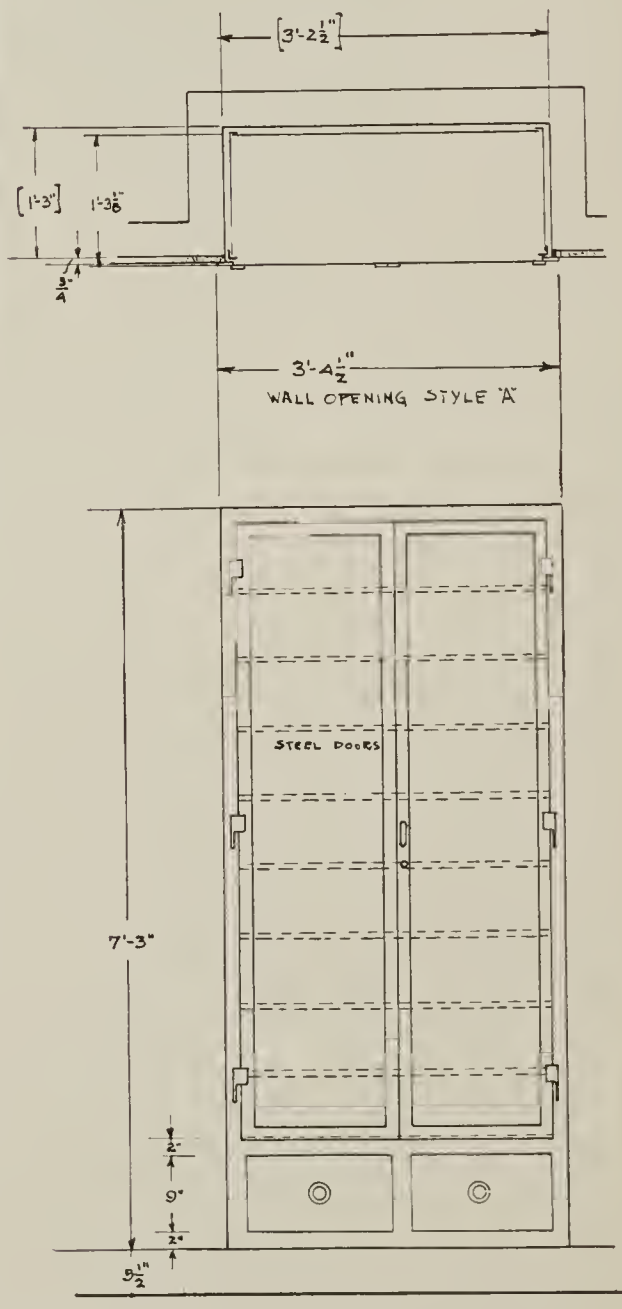


Harper Hospital Linen Cabinets

These installations were built in the *"WhiteKraft"* Shops for Harper Hospital, Detroit, Michigan, according to the specifications of Albert Kahn, Inc., Architects and Engineers, Detroit, Michigan.

Installation consists of two 2-door sections and four drawers below. There are eight adjustable steel shelves in each 2-door section and a steel partition is placed between sections. Each door is hung on three cast brass, nickel-plated French hinges. Doors are equipped with three-way locks, operated by a cast brass turn handle, and locked by a Yale cylinder flat kay lock. Doors are reinforced by special stiffeners, welded on the inside and cold rolled steel framework, welded on the outside.

The drawers are of special construction with double steel fronts, fitting flush with the front of cabinets and flanged at the top around the edge of the body as an additional reinforcement. They are hung in steel channels which operate smoothly and without binding. Drawer pulls are countersunk in the head and are out of the way.



SPECIFICATIONS

Size—Height over all, including moulding, 7 feet, 3 inches; width over all, including moulding, 7 feet, 11½ inches; depth, 1 foot, 10⅝ inches.

Construction—Cabinet bodies, 18 gauge stretcher leveled sheet furniture steel; front frame work of cabinet, 2¼-inch by ⅛-inch flat cold rolled steel, electrically welded to body and torch-welded at corners; front edges are reinforced by 1¼x1¼x⅛-inch angle iron, spot welded to body and cold rolled steel framework. Steel doors, 18 gauge sheet furniture steel panels, welded to 1½-inch by $\frac{3}{16}$-inch flat cold rolled steel, torch-welded at corners; doors, reinforced with special stiffeners; steel shelves, 18 gauge sheet furniture steel with 1-inch flange turned down on all sides with the front additionally reinforced with a return flange; shelves adjustable by means of slotted channels spot-welded to corners of cabinet and having nickel-plated shelf rests inserted in slots. Drawers, flush type construction, double fronts, 18 gauge sheet furniture steel, pressed, formed and welded.

Equipment—Cast brass, nickel-plated French hinges, three to each door. three-way locking device operated by cast brass, nickel-plated handles, locking at center, top and bottom; Yale cylinder flat key locks.

Note—Blue prints showing complete details of this installation will be supplied by our Engineering Department on request. Please specify Design No. 6H3323.

Harper Hospital Medicine Cases

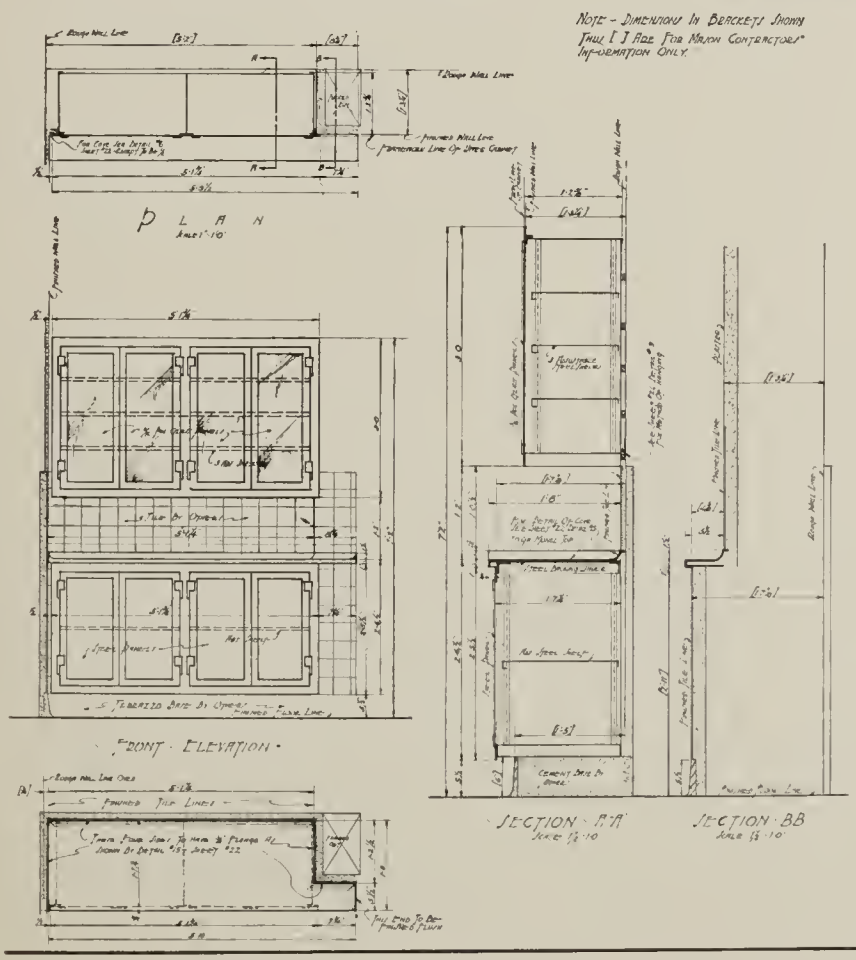
Built according to specifications of Albert Kahn, Inc., Architects and Engineers, these medicine cases were fabricated in the *"WhiteKraft"* Shops for installation in the Harper Hospital, Detroit, Michigan.

Medicine case installations offer a lot of space for storage. Upper section has four doors with partition, dividing it into two parts. There are three adjustable steel shelves in each part. Lower section has four doors, but no partition. It has one adjustable steel shelf.

The Monel metal work top is of 13-gauge material, flanged upward at back and sides and downward at the front. All doors are hung on cast brass, nickel plated French type hinges. Locking device fastens at three points and is operated by a cast brass turn handle and locked by Yale flat key cylinder lock. Entire cabinet is reinforced with cold rolled steel frame work and heavy angle iron connecting body and frame work. Upper door panels, 3/16 inch Libbey-Owen drawn plate glass.

SPECIFICATIONS

Size—Over all height, including moulding but not base, 6 feet, 8½ inches; over all width including moulding but not top extension, 5 feet, 1¾ inches; height of upper section, 3 feet; depth of upper section, 1 foot, 2⅝ inches; lower section, 2 feet, 6½ inches high; depth of lower section, 1 foot, 8 inches; height of installation is governed by height of door trim.



Construction—Cabinet bodies, upper and lower section, 18 gauge stretcher leveled sheet furniture steel; front frame work of cabinet, 2¼-inch by ⅛-inch flat cold rolled steel, electrically welded to body and torch-welded at corners; front edges are reinforced by 1¼x1¼x⅛-inch angle iron, spot welded to body and cold rolled steel frame work. Steel doors, 18 gauge sheet furniture steel panels, welded to 1½-inch by 3/16-inch flat cold rolled steel, torch-welded at corners. Glass doors, front frame work, 1½x3/16-inch flat cold rolled steel with three steel glass retainers welded to frame work; top retainer screws off for removal and replacement of glass; glass panels, Libbey-Owen, 3/16-inch flat drawn glass fitting into pressed felt strips between retainers and edges; steel shelves, 18 gauge sheet, furniture steel with 1-inch flange turned down on all sides with the front additionally reinforced with a return flange; shelves adjustable by means of slotted channels spot welded to corners of cabinet and having nickel plated shelf rests inserted in slots. Working surface, 13 gauge non-corrosive Monel metal.

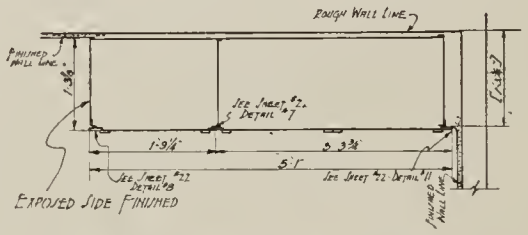
Equipment—Cast brass, nickel plated French hinges, two to each door; three-way locking device operated by cast brass, nickel plated handles, locking at center, top and bottom; Yale cylinder flat key locks.

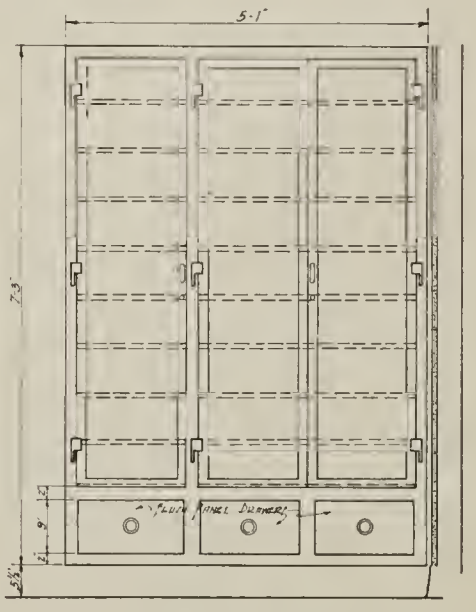
Note—Blue prints showing complete details of this installation will be supplied by our Engineering Department on request. Please specify Design No. 6H3319.

Harper Hospital Built-in Linen Cases

This linen cabinet installation made in two sections was fabricated in the *"WhiteKraft"* Shops for the Harper Hospital, Detroit, Michigan, according to the specifications of Albert Kahn, Inc., Architects and Engineers, Detroit, Michigan. One section has two doors and the other section a single door. A feature of the construction of this installation is the method of handling the drawers. There is no cold rolled trim on the drawers which might be used for stepping upon and the pulls are countersunk, out of the way. Drawers are recessed and flush with the cabinet front.

Cupboards are equipped with eight adjustable steel shelves. Doors are reinforced with heavy stiffeners and cold rolled steel frame work.





· FRONT · ELEVATION ·

SPECIFICATIONS

Size—Height including moulding, 7 feet, 3 inches; width over all including moulding, 5 feet, 1 inch; depth, 1 foot, 3⅛ inches; single door section, 1 foot, 9¼ inches wide; double door section, 3 feet, 3¾ inches wide.

Construction—Cabinet bodies, 18 gauge stretcher leveled sheet furniture steel; front frame work of cabinet 2¼-inch by ⅛-inch flat cold rolled steel, electrically welded to body and torch-welded at corners; front edges are reinforced by 1¼x1¼x⅛-inch angle iron, spot welded to body and cold rolled steel frame work. Steel doors, 18 gauge sheet furniture steel panels, welded to 1½-inch by 3/16-inch flat cold rolled steel, torch-welded at corners; doors, reinforced with special stiffeners; steel shelves. 18 gauge sheet furniture steel with 1-inch flange turned down on all sides with the front additionally reinforced with a return flange; shelves adjustable by means of slotted channels spot welded to corners of cabinet and having nickel plated shelf rests inserted in slots. Drawers, flush type construction, double fronts, 18 gauge sheet furniture steel, pressed, formed and welded.

Equipment—Cast brass, nickel plated French hinges, three to each door, three-way locking device operated by cast brass, nickel plated handles, locking at center, top and bottom; Yale cylinder flat key locks.

Note—Blue prints showing complete details of this installation will be supplied by our Engineering Department on request. Please specify Design No. 6H3321.

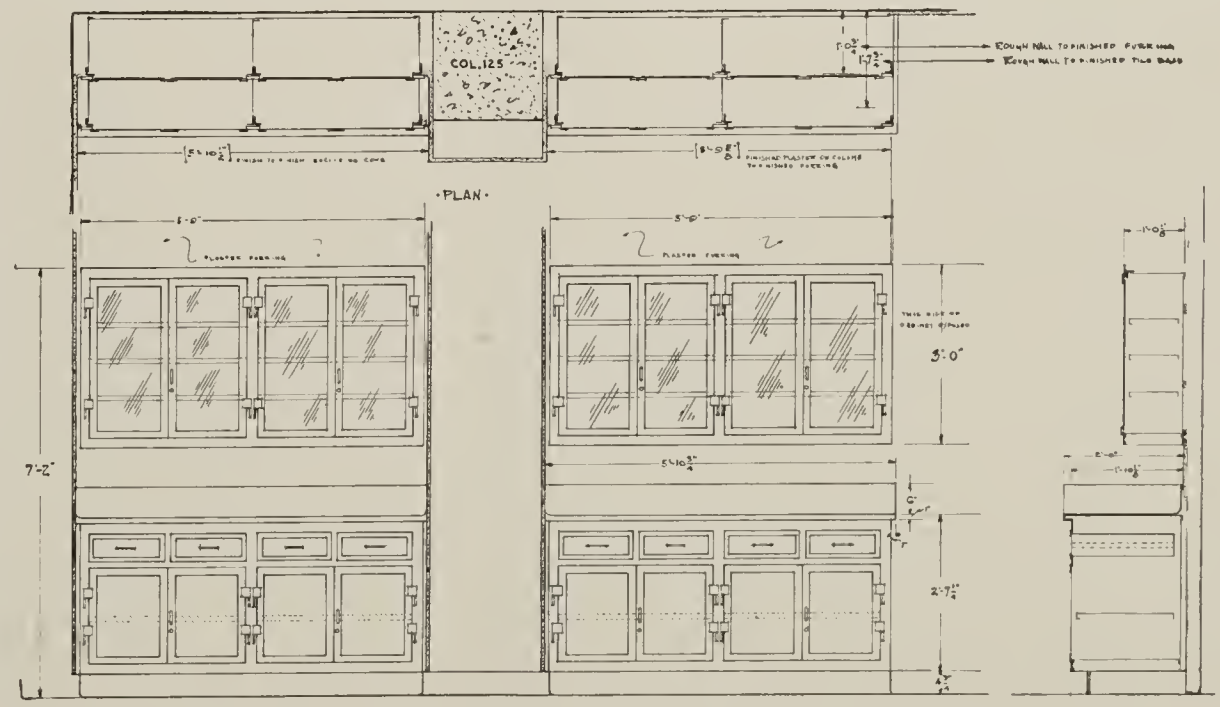
Harper Hospital Main Kitchen Cases

Main kitchen cases fabricated in the *"WhiteKraft"* Shops for the Harper Hospital, Detroit, Michigan, according to the specifications of Albert Kahn, Inc., Architects and Engineers, Detroit, Michigan. These cases are well designed to utilize the wall and floor space to the best advantage, at the same time providing maximum storage space for dishes and utensils.

SPECIFICATIONS

Size—Height of each section including moulding, 6 feet, 9¼ inches; length of each installation including moulding, 5 feet, 9 inches; height of upper section, 3 feet; height of lower section, 2 feet, 7¼ inches; depth of upper section, 1 foot, ⅛ inch; depth of lower section, 2 feet.

Construction—Cabinet bodies, upper and lower section, 18 gauge stretcher leveled sheet furniture steel; front frame work of cabinet, 2¼-inch by ⅛-inch flat cold rolled steel, electrically welded to body and torch welded at corners; front edges are reinforced by 1¼x1¼x⅛-inch angle iron, spot welded to body and cold rolled steel frame work. Steel doors, 18 gauge sheet furniture steel panels, welded to 1½-inch by 3/16-inch flat cold rolled steel, torch-welded at corners. Glass doors, front frame work, 1½x3/16 inch flat cold rolled steel with three steel glass retainers welded to frame work; top retainer screws off for removal of glass; glass panels, Libbey-Owen, 3/16-inch glass; drawers, 18 gauge sheet furniture steel with 1-inch by ⅛-inch flat cold rolled steel reinforcements, electrically welded to bodies; drawers suspended in steel channels; steel shelves, 18 gauge sheet furniture steel with 1-inch flange turned down on all sides with the front additionally reinforced with a return flange; shelves adjustable by means of slotted channels, spot welded to corners of cabinet. Working surface, 13 gauge non-corrosive Monel metal with cove 6 inches high at back and sides and apron at front.



Equipment — Cast brass, nickel-plated French hinges; three-way locking device; Yale cylinder flat key lock; cast brass, nickel-plated drawer pulls.

Note—Blue prints showing complete details sent on request. Please specify Design No. 6H3313.

Harper Hospital Corridor Case

This type of installation was built in the *"WhiteKraft"* Shops for the Harper Hospital, Detroit, Michigan. It is arranged according to the designs of Albert Kahn, Inc., Architects and Engineers, Detroit, Michigan.

This cabinet is most conveniently arranged with a large amount of shelf space. The shelves are all adjustable and removable. A feature of this installation is the arrangement of an access back. The back of the cabinet is removable for access to sterilizer pipes, etc.

All large doors of this type, it will be noted, are strongly reinforced with stiffeners. Each door is also hung on three heavy cast brass hinges, giving added strength. The panelled doors with cold rolled steel moulding and the front frame of the cabinet of the same material, makes a most durable and satisfactory installation.

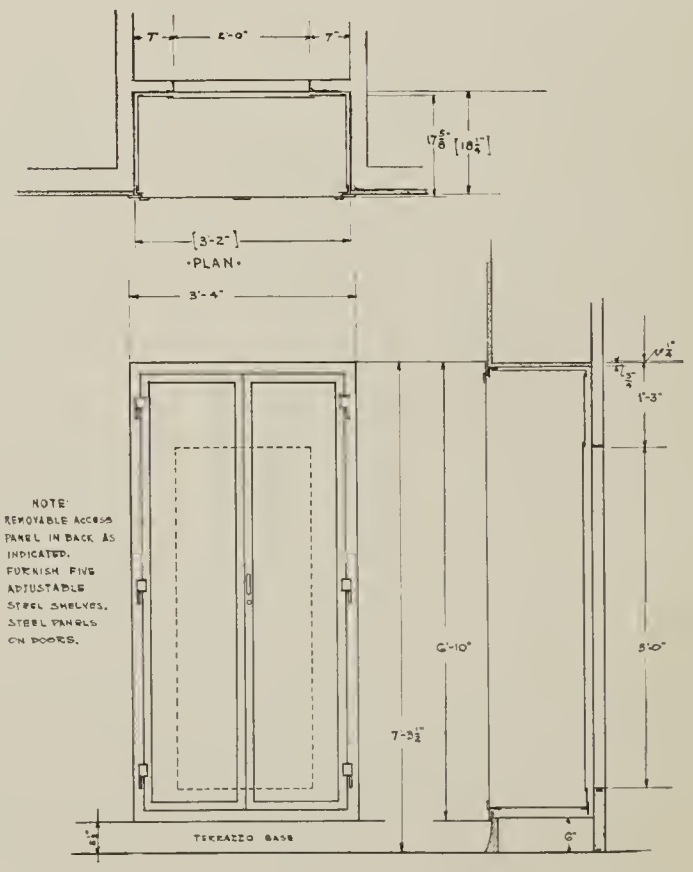
SPECIFICATIONS

Size—Height over all including moulding, 6 feet, 10 inches; width including moulding, 3 feet, 4 inches; depth 17⅝ inches.

Construction—Cabinet bodies, 18 gauge stretcher leveled sheet furniture steel; front frame work of cabinet 2¼-inch by ⅛-inch flat cold rolled steel, electrically welded to body and torch-welded at corners; front edges are reinforced by 1¼x 1¼x⅛-inch angle iron, spot welded to body and cold rolled steel frame work. Steel doors, 18 gauge sheet furniture steel panels, welded to 1½-inch by 3/16-inch flat cold rolled steel, torch-welded at corners; doors, reinforced with special stiffeners; steel shelves, 18 gauge sheet furniture steel with 1-inch flange turned down on all sides with the front additionally reinforced with a return flange; shelves adjustable by means of slotted channels spot welded to corners of cabinet and having nickel plated shelf rests inserted in slots.

Equipment—Cast brass, nickel plated French hinges, three to each door, three-way locking device operated by cast brass, nickel plated handles, locking at center, top and bottom; Yale cylinder flat key locks.

Note—Blue prints showing complete detail of this installation will be supplied by our Engineering Department on request. Please specify Design No. 6H3311.



Harper Hospital Built-In Main Kitchen Cases

A typical space saving Built-in Main Kitchen Case, fabricated in the *"WhiteKraft"* Shops for the Harper Hospital, Detroit, Michigan. Design and specifications by Albert Kahn, Inc., Architects and Engineers, Detroit, Michigan.

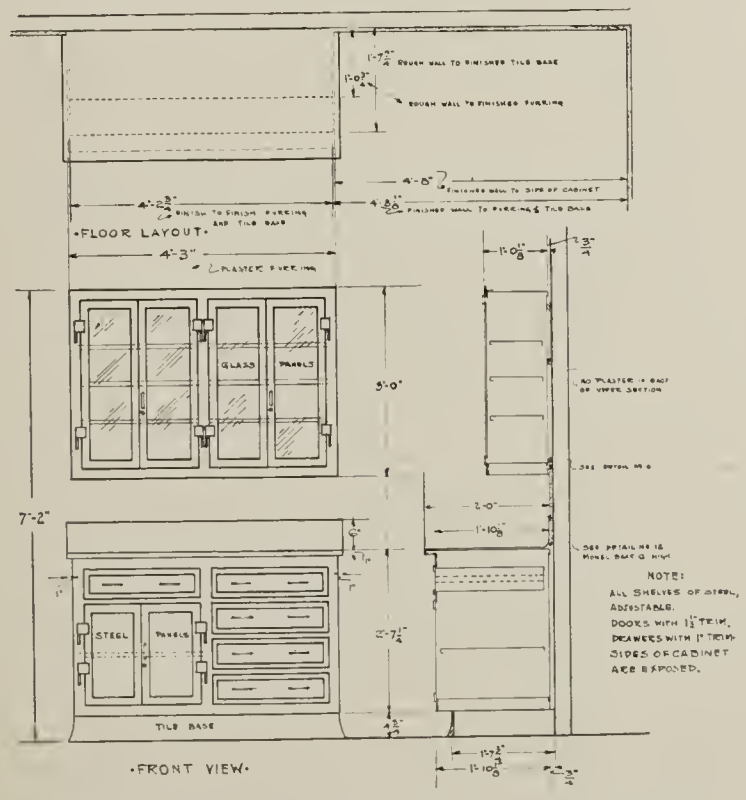
This type of cabinet offers considerable storage space with a lot of roomy drawer space for cutlery. It will be noted that the 13 gauge Monel metal top is flanged up high at the back of the working surface to protect the wall. The architect has also provided adequate toe space by overhanging the cabinet at the base.

Doors are provided with three-way locks operated by cast brass turn handles and locking by means of a Yale flat key cylinder lock. The large size drawers are equipped with two cast brass pulls and are hung in steel channels to make them non-binding and smooth running. All hinges are of French type, cast brass, nickel plated. Front frame work on doors and drawers of heavy cold rolled steel, gives cabinet strength and durability beyond the ordinary. Three steel shelves are provided in upper cases and one steel shelf divides lower cupboard. Shelves are adjustable.

SPECIFICATIONS

Size—Height over all including moulding, but not tile base, 6 feet, 9¼ inches; width over all including moulding, 4 feet, 3 inches; height of upper section, 3 feet; depth of upper section, 1 foot, ⅛-inch; height of lower section, 2 feet, 7¼ inches; depth of lower section, 2 feet; over all height of cabinet including base conforms to height of door trim.

Construction—Cabinet bodies, upper and lower section, 18 gauge stretcher leveled sheet furniture steel, front frame work of cabinet, 2¼-inch by ⅛-inch flat cold rolled steel, electrically welded to body and torch-welded at corners; front edges are reinforced by 1¼x1¼x⅛-inch angle iron, spot welded to body and cold rolled steel frame work. Steel doors, 18 gauge sheet furniture steel panels, welded to 1½-inch by 3/16-inch flat cold rolled steel, torch-welded at corners. Glass doors, front frame work, 1½x3/16-inch flat cold rolled steel with three steel glass retainers welded to frame work; top retainer screws off for removal of glass; glass panels, Libbey-Owen, 3/16-inch glass; drawers, 18 gauge sheet furniture steel with 1-inch by ⅛-inch flat cold rolled steel reinforcements, electrically welded to bodies; drawers suspended in steel channels; steel shelves, 18 gauge sheet furniture steel with 1-inch flange turned down on all sides with the front additionally reinforced with a return flange; shelves adjustable by means of slotted channels, spot welded to corners of cabinet. Working surface, 13 gauge non-corrosive Monel metal with cove 6 inches high at back and sides and apron at front.



Equipment—Cast brass, nickel-plated French hinges; cast brass turn handles operating three-way locking device; Yale cylinder flat key lock; cast brass, nickel-plated drawer pulls.

Note—Blue prints showing complete details of this installation sent on request. Please specify Design No. 6H3317.

Harper Hospital Cupboard, Bed Pan and Blanket Warmer Installation

This Harper Hospital Utility Room Installation was built in the *"WhiteKraft"* Shops according to the specifications of Albert Kahn, Inc., Architects and Engineers, Detroit, Michigan. The special utility table shown with Monel metal top and shelf is also a product of the *"WhiteKraft"* Shops and built to order to fit.

SPECIFICATIONS

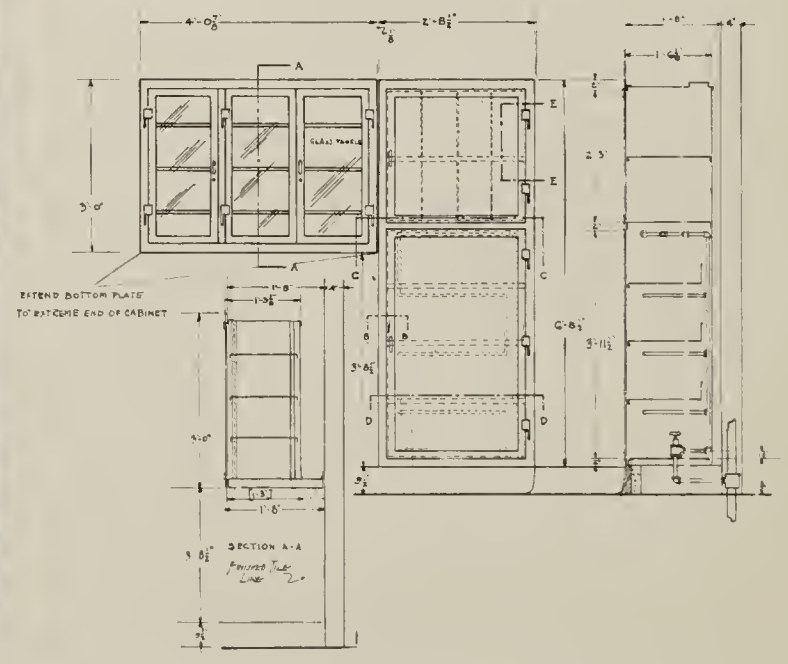
Size—Bed Pan and Blanket Warmer: Height over all including moulding, 6 feet, 8½ inches; width, including moulding, 2 feet 8½ inches; depth, 1 foot, 6⅛ inches; height of lower sections for blankets, 3 feet 11½ inches; height of upper sections for bed pans, 2 feet, 3 inches; height of each bed pan compartment, 1 foot, 1½ inches. Utility Cabinet: Height including moulding, 3 feet, width of three sections, including moulding, 4 feet ⅞ inches; depth, 1 foot, 3⅛ inches.

Construction—For construction and specifications of blanket and bed pan warmer, see specifications of Design No. 6H3301. Additional details and blue prints of combination sent on request. For construction specifications of three-door cupboard, see general specifications under upper sections of Design No. 6H3302.

Note—In writing for information or details regarding bed pan and blanket warmer, please refer to Design No. 6H3305. In referring to utility cupboard with glass doors, please refer to Design No. 6H3306.

Utility Tables

Prices will be quoted by our Engineering Department covering special utility tables of all kinds and full details covering tables shown above furnished on application.



Harper Hospital Utility Room Case

A steam heated built-in utility room case. In this installation, the steam coils are placed below the bottom of the cabinet, only the valve showing through the bottom of the cabinet. The doors are of double construction, insulated between the panels with 7/16-inch celotex. This installation was made for the Harper Hospital, Detroit, Michigan, according to the specifications of Albert Kahn, Inc., Architects and Engineers, Detroit, Michigan.

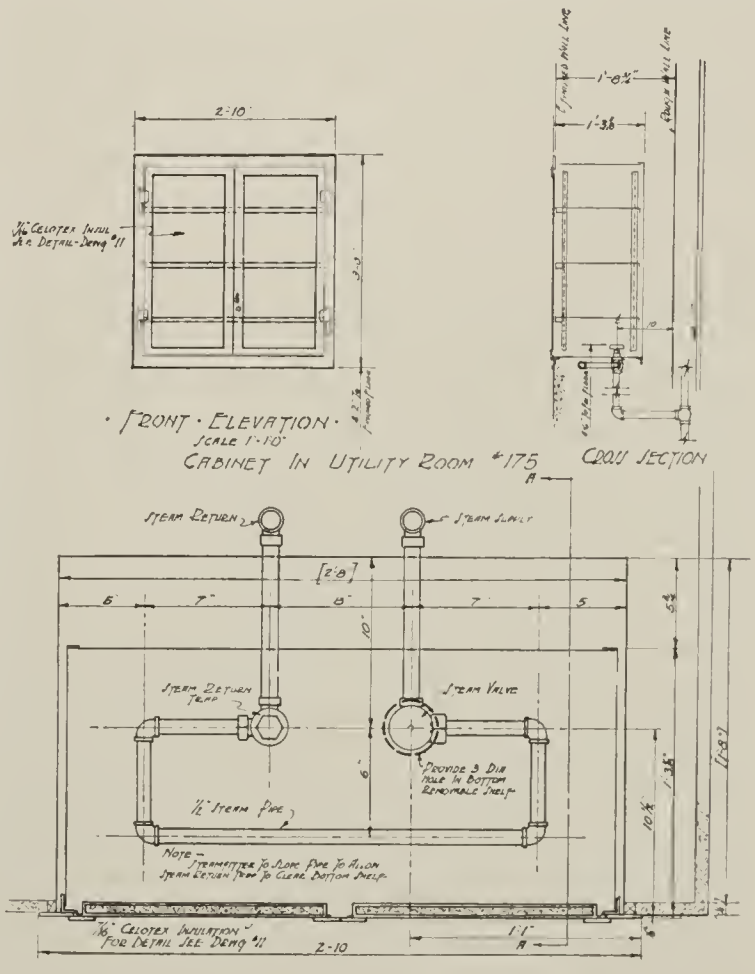
SPECIFICATIONS

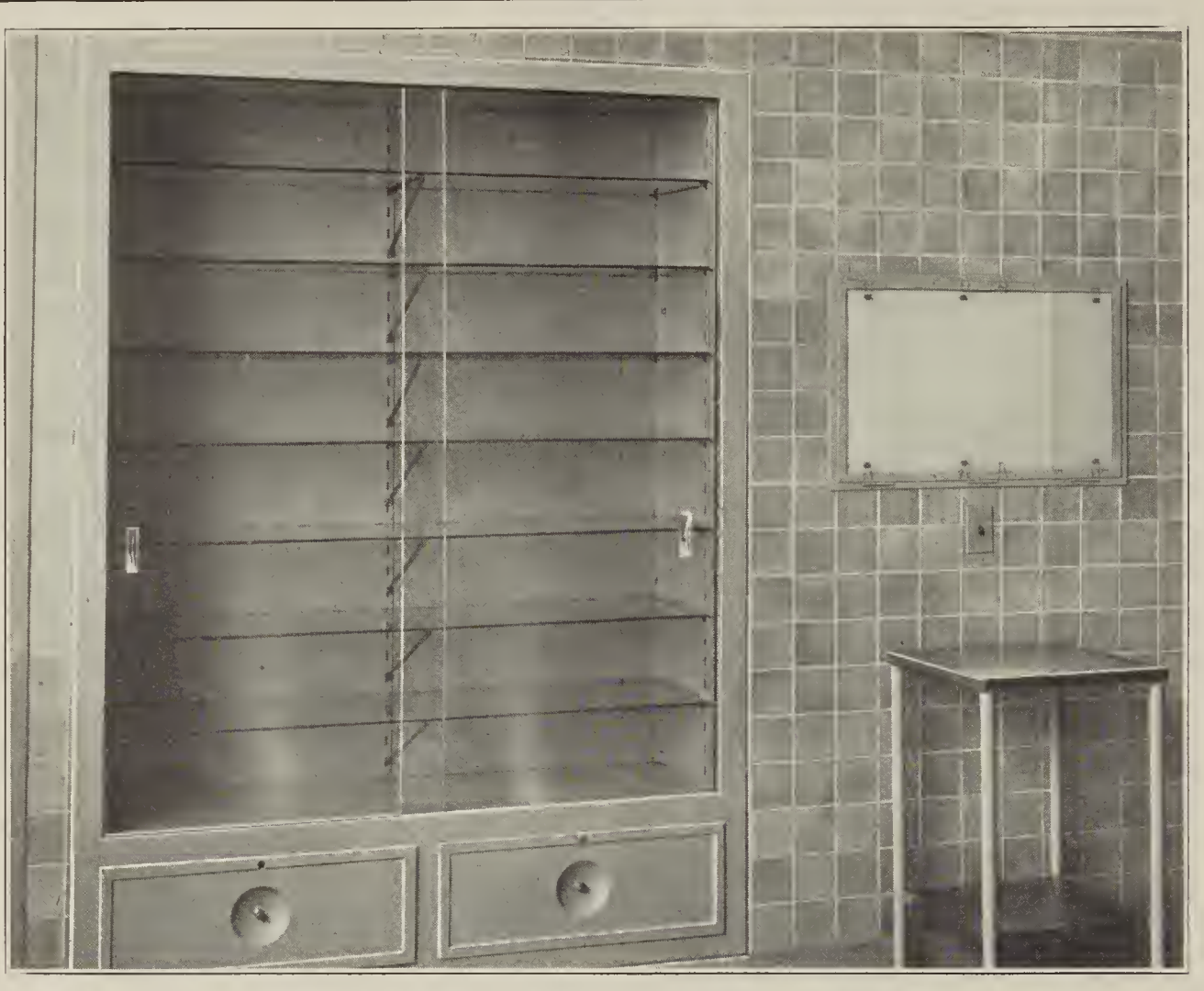
Size—Height over all, including moulding, 3 feet; width over all, including moulding, 2 feet, 10 inches; depth, 1 foot, 3⅛ inches.

Construction—Cabinet bodies, 18 gauge stretcher leveled sheet furniture steel; front frame work of cabinet, 2¼-inch by ⅛-inch flat cold rolled steel, electrically welded to body and torch-welded at corners; front edges are reinforced by 1¼x1¼x⅛-inch angle iron, spot welded to body and cold rolled steel frame work. Steel doors, double wall, 18 gauge sheet furniture steel panels, welded to 1½-inch by 3/16-inch flat cold rolled steel, torch-welded at corners; insulated between walls with 7/16-inch celotex; steel shelves, 18 gauge sheet furniture steel with 1-inch flange turned down on all sides with the front additionally reinforced wtih a return flange; shelves adjustable by means slotted channels spot welded to corners of cabinet and having nickel-plated shelf rests inserted in slots.

Equipment—Cast brass, nickel-plated French hinges, two to each door; three-way locking device operated by cast brass, nickel-plated handles, locking at center, top and bottom; Yale cylinder flat key locks.

Note—Blue prints showing complete details of this installation will be supplied by our Engineering Department on request. Please specify Design No. 6H3309.





Harper Hospital Operating Room Case

Constructed according to the specification of Albert Kahn, Inc., Architects and Engineers, Detroit, Michigan. Shelves are supported at center as well as ends. Glass doors slide on fibre rollers in Monel metal tracks. Sides and top protected with heavy felt. Drawer pulls countersunk and out of the way.

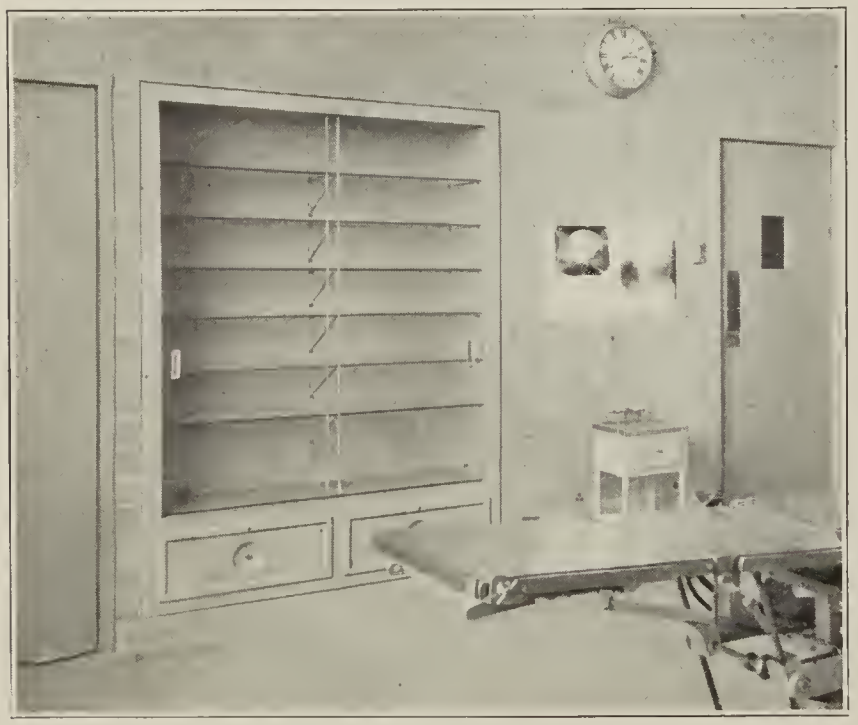
SPECIFICATIONS

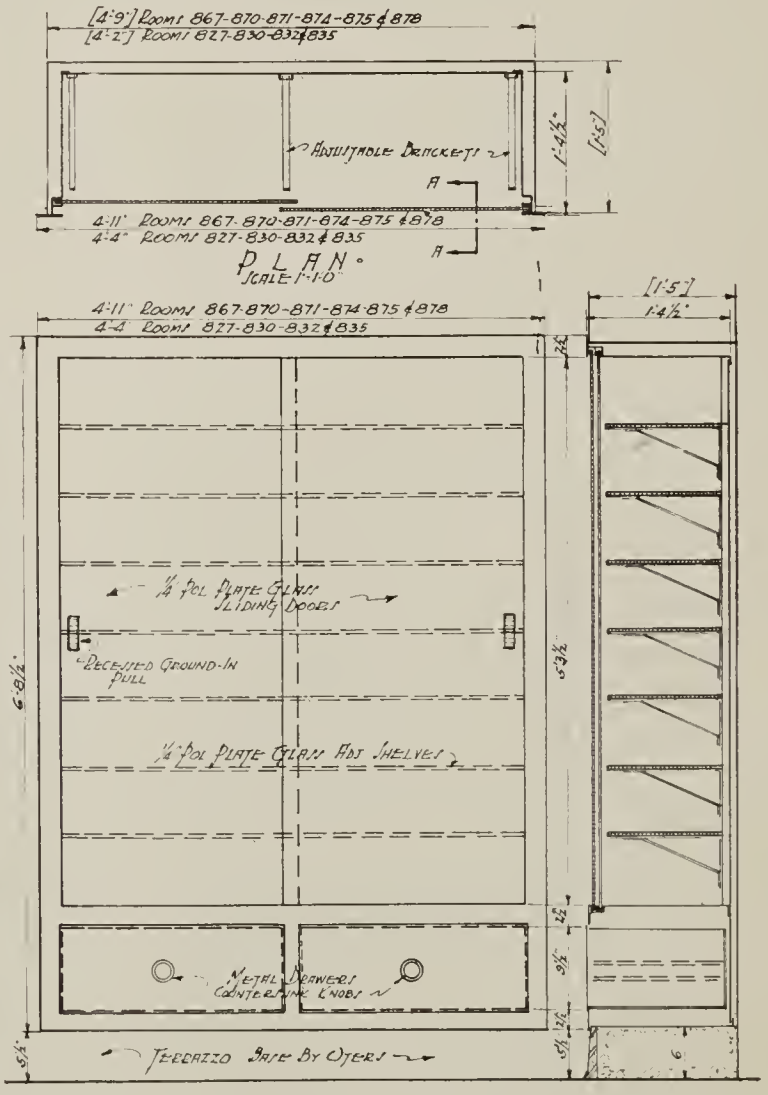
Size—Height over all including moulding, 6 feet 8½ inches. Width over all, including moulding, 4 feet 11 inches. Inside height of upper section, 5 feet 3½ inches. Depth, 1 foot 4½ inches. Drawers, 9½ inches high.

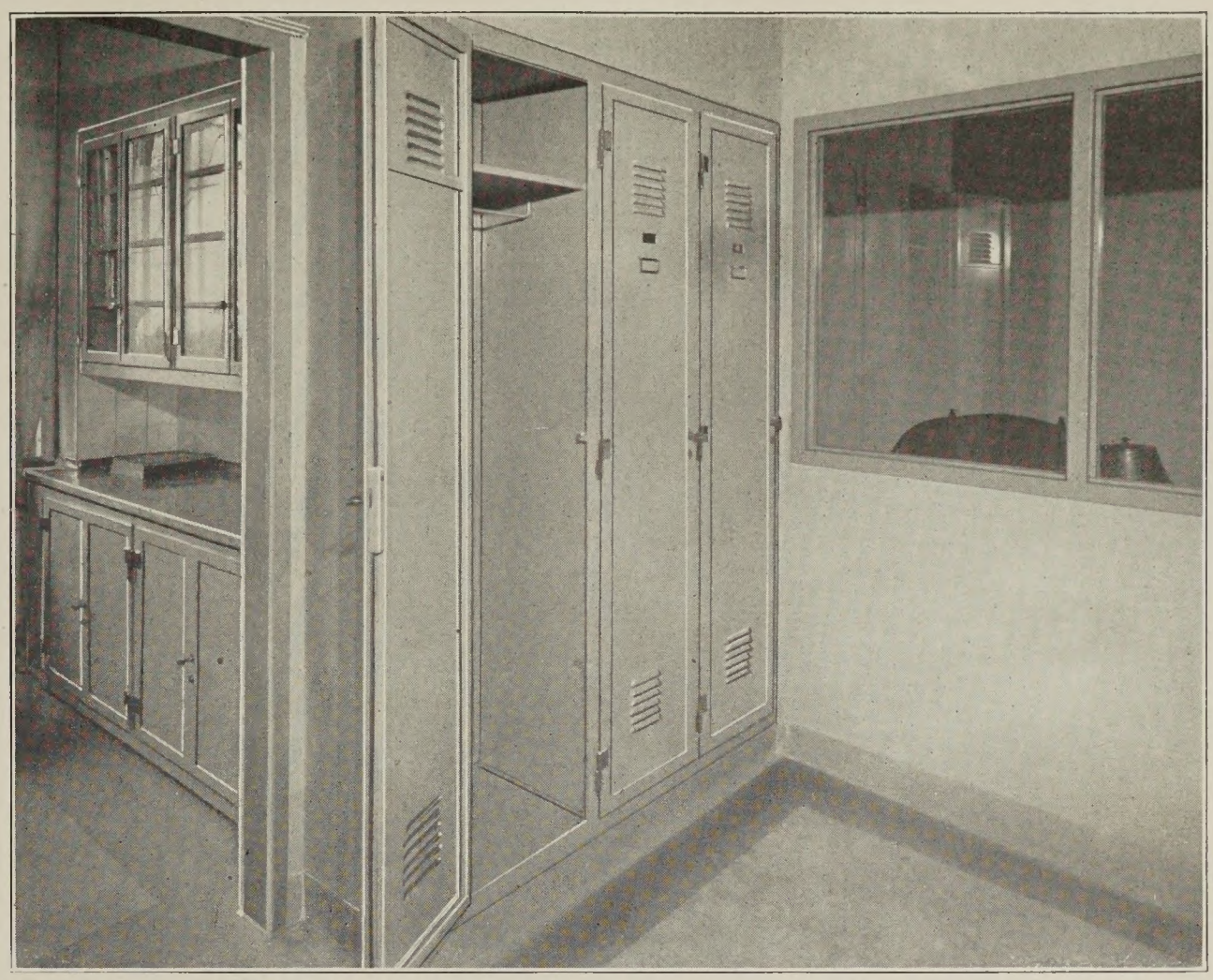
Construction—Back, sides, top and bottom, 18 gauge stretcher leveled furniture steel, welded to 1¼ x 1¼ x ⅛ inch steel angle. Moulding, 2¼ x ⅛ inch cold rolled steel, welded to angle. Doors, ¼-inch polished plate glass with recessed pull ground in. Shelves, ¼-inch polished plate glass, adjustable at the ends by means of a slotted channel device, spot welded to the four corners of each cabinet, with 12 gauge shelf rests inserted in the slots. Shelves supported at center by brackets of brass, nickel plated, fitting into special slotted channel support. Drawers, 18 gauge sheet furniture steel, reinforced by 1 x ⅛-inch flat cold rolled steel moulding. Spot welded to drawer fronts and torch-welded at the corners.

Equipment—Brass, nickel plated pull knobs.

Note—Blue prints covering cabinet in size shown will be furnished on application by our engineering department. In referring to this cabinet, please specify Design No. 6H3300. Full specifications and information covering the built-in viewing cabinet, showing at the right of operating case, sent on request.



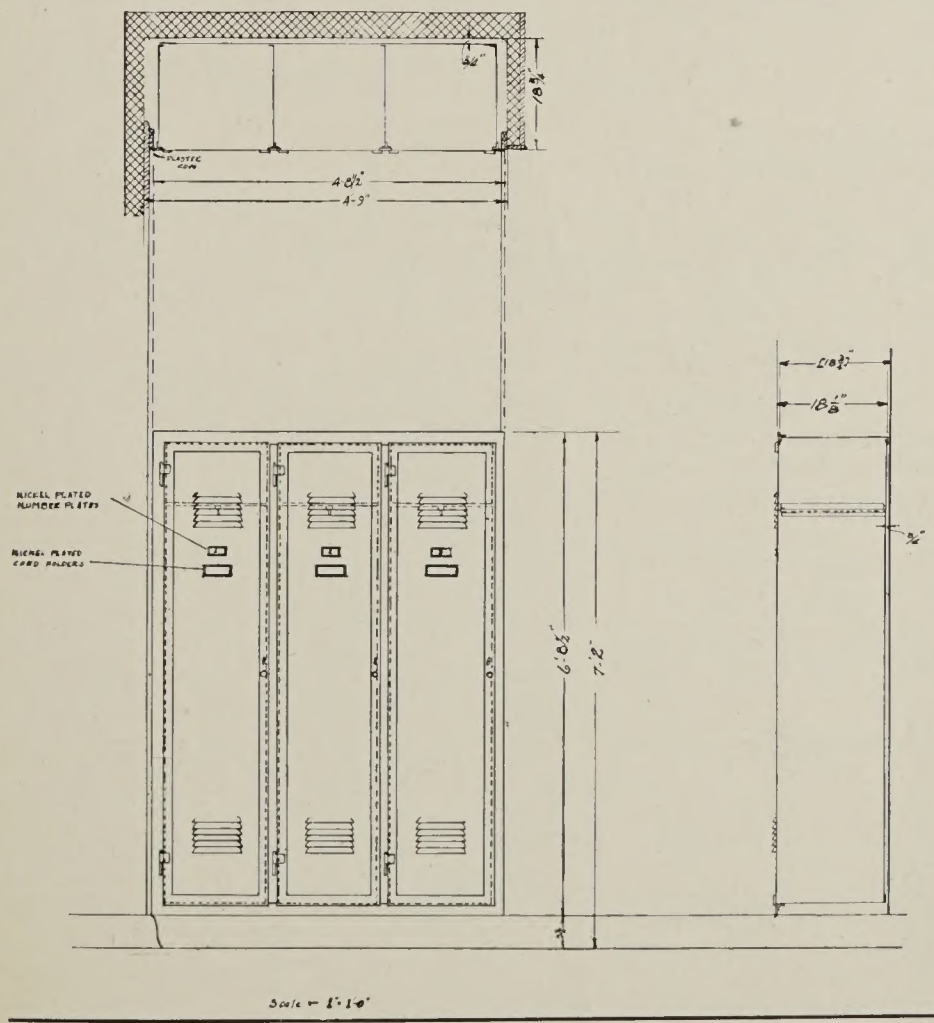




Harper Hospital Built-In Wardrobes

This wardrobe installation fabricated in the *"WhiteKraft"* Shops is typical of wardrobe units installed throughout Harper Hospital, Detroit, Michigan. Cabinets are designed by Albert Kahn, Inc., Architects and Engineers, Detroit, Michigan.

This installation is not to be compared with lockers. The construction is entirely different and decidedly more substantial. These wardrobes are built along the same lines as the other good steel case work that went into the Harper Hospital. The doors are louvred at top and bottom, reinforced with cold rolled steel frame work and a special backing stiffener. The equipment includes 18-gauge steel hat shelf and nickel plated hanger rods. There is a brass nickel plated name plate on each door, also a brass nickel plated number plate with the number stamped on.



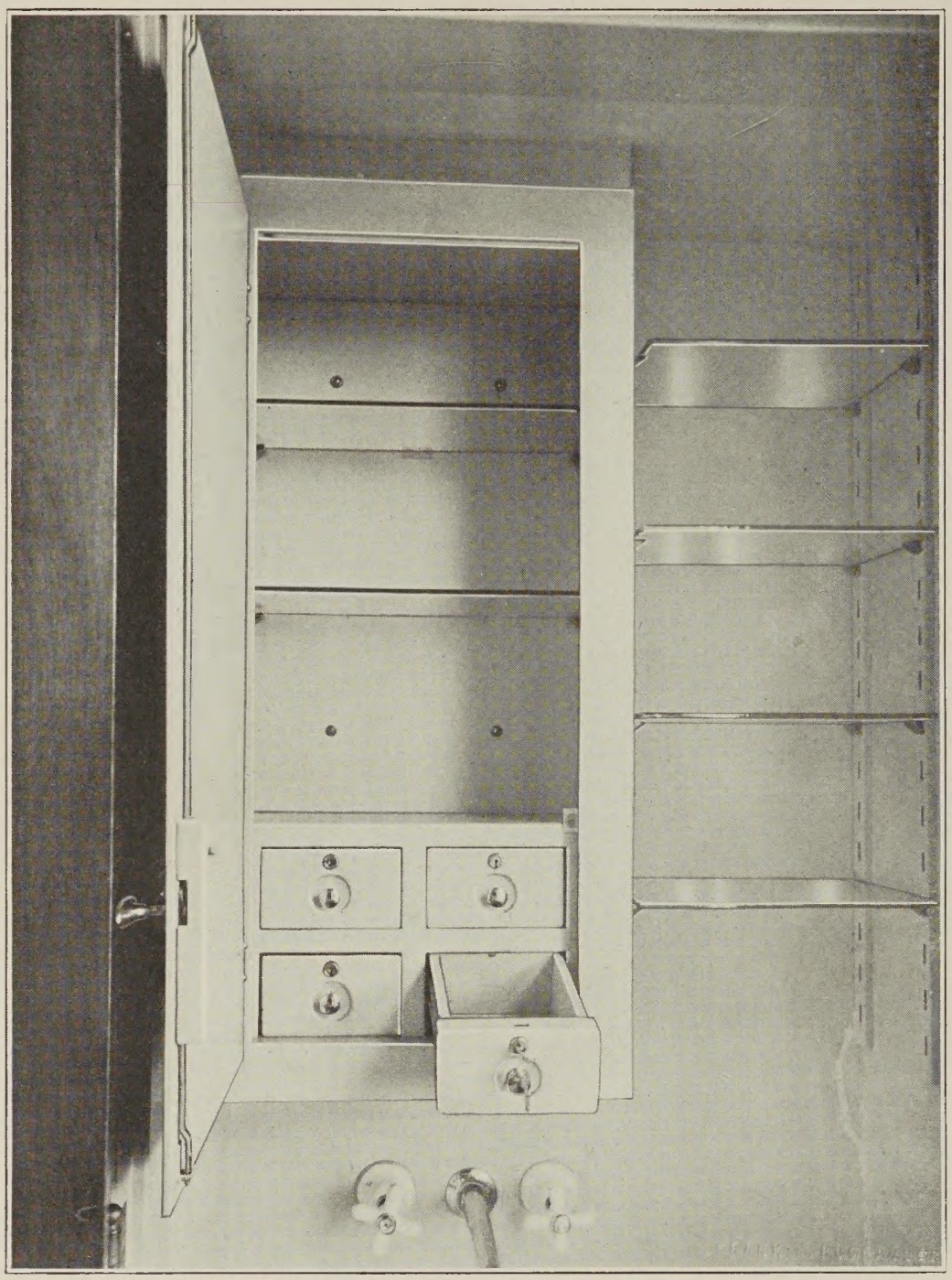
SPECIFICATIONS

Size—Unit of three wardrobes, 6 feet, 8 ½ inches high including moulding; width of unit including moulding, 4 feet, 8½ inches; depth of unit, 18⅛ inches; width of each section, 18 inches.

Construction—Body, 18 gauge stretcher leveled sheet furniture steel; front frame work, 2¼x ⅛-inch flat cold rolled steel, electrically welded to body and torch-welded at corners; front edges are reinforced by 1¼x1¼x⅛-inch angle iron welded to body and the cold rolled steel frame work; doors, 18 gauge sheet furniture steel panels, welded to 1½x 3/16-inch flat cold rolled steel, torch-welded at corners; reinforced with special stiffeners and with louvre at top and bottom. Each louvre has six openings; hat shelf and partitions, 18 gauge sheet furniture steel, formed and welded.

Equipment—Three cast brass nickel plated French hinges to each door, cast brass turn handles operating three-way locking device; Yale cylinder key lock; nickel plated hanger supports.

Note—Blue prints of this installation will be sent on request. Please specify Design No. 6H3318.



Harper Hospital Medicine Room Cabinets

A typical medicine room cabinet as fabricated in the *"WhiteKraft"* Shops for the Harper Hospital, Detroit, Michigan. This cabinet is made according to the specifications of Albert Kahn, Inc., Architects and Engineers, Detroit, Michigan.

A compact but roomy medicine cabinet with glass shelves, steel panel door with turn knob, three-way lock and Yale flat cylinder lock. Lock and turn handle are placed low within easy reach.

In the lower part of the cabinet inside are four drawers, set back sufficiently to allow for closing door. The pull knobs are countersunk to give as much depth as possible to the drawers. Each drawer is equipped with a separate flat key lock and hung in channels, one channel being welded to the drawer and one to the side drawers section. This arrangement makes the drawers smooth running and non-binding.

SPECIFICATIONS

Size—Height including moulding, 3 feet, 2 inches; width including moulding, 1 foot, 6 inches; depth, 8 3/8 inches; height of top of cabinet conforms with height of door trim.

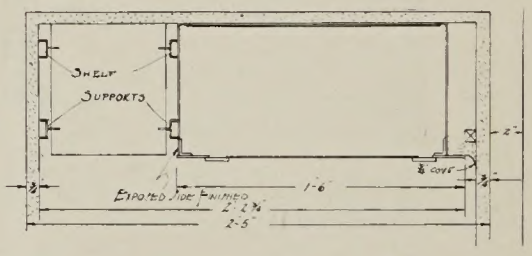
Construction—Cabinet bodies, 18 gauge stretcher leveled sheet furniture steel; front frame work of cabinet, 2 1/4-inches by 1/8-inch flat cold rolled steel, electrically welded to body and torch-welded at corners; front edges are reinforced by 1 1/4x1 1/4x1/8-inch angle iron, spot welded to body and cold rolled steel frame work. Steel doors, 18 gauge sheet furniture steel panels, welded to 1 1/2-inch by 3/16-inch flat cold rolled steel, torch-welded at corners. Drawers, 18-gauge sheet furniture steel, pressed, formed and welded; flush type with double wall heads and countersunk pulls, hung on steel channels. Glass shelves, 1/4-inch plate glass, adjustable by means of slotted channel devices, spot-welded to the four corners of the cabinet with shelf rests inserted in the slots.

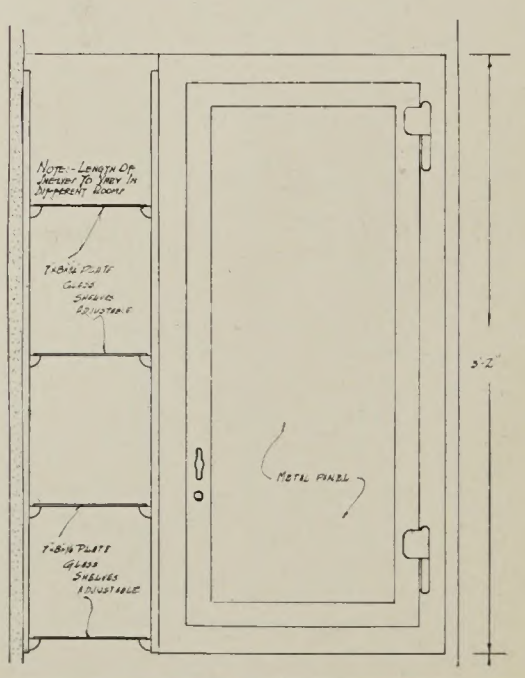
Equipment—Cast brass, nickel plated French hinges; three-way lock operated by turn handle; Yale flat key cylinder lock; cast brass, nickel plated drawer pulls; flat key drawer locks.

Note—Blue prints showing complete details of this installation, sent on request. Please specify Design No. 6H3314.

Utility Shelves

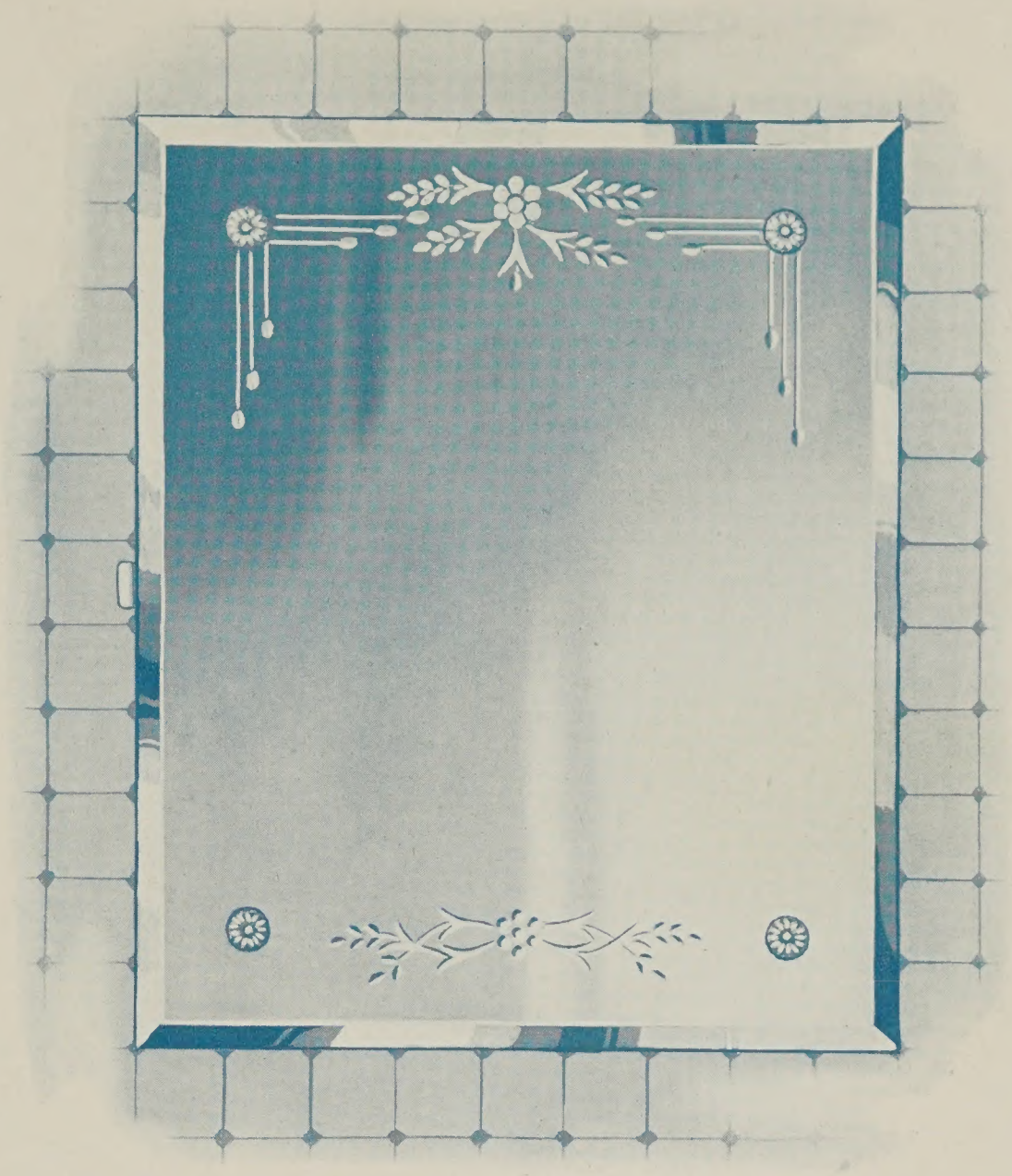
The wall opening next to the medicine room cabinet shown above is utilized for four adjustable plate glass shelves of 1/4-inch polished plate. These shelves rest on supports inserted in slotted channels, fastened to wall and cabinet. Complete specifications sent on request.





"WhiteKraft" Built-In Steel Cabinet

Colonial Model



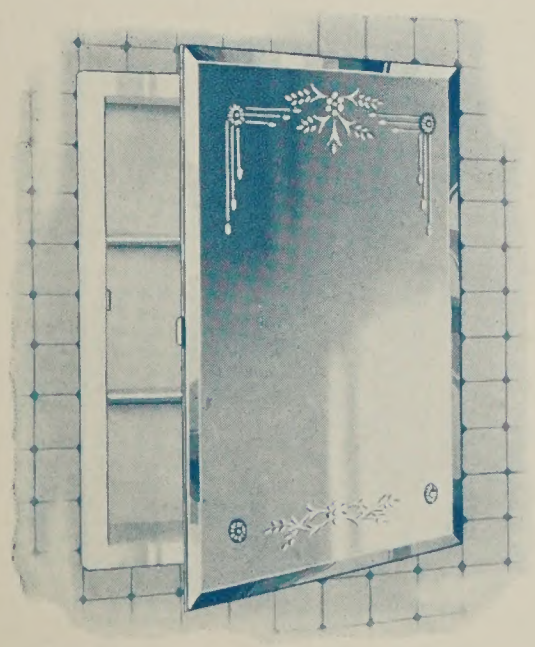
This Colonial Model "*WhiteKraft*" Bathroom Cabinet has been designed to give the appearance of a beautiful Venetian Mirror hanging upon the wall. No hinges, locks or door pulls are visible, and the cabinet with its shelves, is effectually concealed behind it.

The mirror is hand cut, beveled at the edge and is fastened firmly upon a steel door—a method which eliminates breakage. The usual door handle or pull is omitted in order to heighten the effect of concealment and the cabinet is opened by a gentle pull on a concealed catch at the side. The hinges are entirely concealed and the mirror appears as an elegantly ornamental Venetian Mirror attached to the wall.

This charming Colonial Model Cabinet is not only attractive in appearance but is also distinctly modern in design. It is of a type that will harmonize gracefully with any furnishings or decoration schemes. Although low in price, it is manifestly superior in appearance and workmanship, and will aid materially in imparting an air of elegance, refinement and style to any home, hotel, or apartment of the better class.

SPECIFICATIONS

Sizes—Wall opening, 20 inches high; 15¾ inches wide; and 4 inches deep. Over all dimensions, 21½ inches high; 17¼ inches wide. Inside dimensions, 19½ inches high; 15¼ inches wide. Mirror, 22 inches high; 18 inches wide.



Construction—Body, 20 gauge pickeled and stretcher leveled sheet furniture steel, die formed. Door back, 16 gauge sheet furniture steel, die cut and formed. Mirror, good grade silvering quality American plate, evenly silvered, with beveled edge and wheel cut design. Shelves, "LO" plate glass with rounded front edges to prevent toilet articles from rolling off; adjustable in height. Hinges, concealed. Door catch, positive and adjustable, with rustless steel strike,—no plating to peel or finish to wear off.

Finish—Cabinet body regularly finished in white lacquer. Colored lacquer or white or colored enamel baked on, can be furnished to order.

17H1850-A **Colonial Model Bathroom Cabinet,** with Etched Venetian Mirror.

17H1850 **Colonial Model Bathroom Cabinet,** with Mitred Venetian Mirror.

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